



Content Library

Explore Kubicle's Extensive Catalog

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Excel

Explore Kubicle's Excel Catalog

COURSE

Data Manipulation and Formatting

Insert, edit, delete and sort data, perform lightning-fast navigation and radically improve your productivity in Excel with this course.

🕒 150 MINS

BEGINNER

🔧 2 CPE / CPD CREDITS

COURSE

Formulas and Functions

This course introduces the most useful of Excel's built-in arithmetic and logical functions. You also learn how to write, manipulate and audit your own formulas.

🕒 210 MINS

BEGINNER

🔧 3 CPE / CPD CREDITS

COURSE

Finance Functions

Excel is commonly used by finance professionals to evaluate investment returns. This course introduces important finance functions you can use for this purpose, including Internal Rate of Return and Net Present Value.

🕒 60 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS

PROJECT

Identify high-yield locations for retail outlets

In this project, you'll help a retailer looking to expand their operations but who isn't sure where to go. You'll use Excel to identify the optimal locations for new stores, helping the company grow stronger and faster.

🕒 90 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Text, Time, and Dates

Excel has a host of functions that help manipulate these 3 data types. In this course, we'll learn how to clean, chop and manipulate text entries and how to perform time-series analysis on a dataset for an online start-up.

🕒 150 MINS

INTERMEDIATE

🔧 2 CPE / CPD CREDITS

PROJECT

Optimize company revenue with cost analysis

Help a startup catering company that has grown quickly in its first year, but can't pinpoint why. You'll use Excel to analyze their cost trends and determine what spending items actually boost revenue - helping the company mature and grow steadily in the future.

🕒 90 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Lookups and Database Functions

Lookup functions help you quickly find records in large datasets. Learn how to use these functions, create dropdown lists, build search panels and much more in this course.

 150 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS**COURSE**

Pivot Tables

Pivot Tables allow you to search, filter and sort data very quickly, making them an essential data analysis tool in Excel

 150 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS**PROJECT**

Boost productivity by optimizing compensation

In this project, you'll help a solar panel manufacturer that's unable to motivate their salespeople to perform effectively. You'll use Excel to analyze their existing sales data and identify a compensation structure that delivers optimal performance for the sales department.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**PROJECT**

Use data effectively with organized spreadsheets

In this project, you'll help a clothing retailer that has not developed good practices in storing and structuring their data. You'll develop Excel sheets that store the company's data in an organized manner, helping the company derive insights on revenues and profits that are currently being missed.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**PROJECT**

Control costs with frequently changing data

In this project, you'll help a trucking company who can conduct basic Excel analysis, but struggles to adapt when the data changes. You'll develop Excel models that will update when new data arrives or existing data changes, helping the company adapt to changes in the factors affecting costs.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**COURSE**

Introducing Statistics

Simple statistics can be used to increase your understanding of your business, thereby improving performance. They're also much easier than you think!

 90 MINS

INTERMEDIATE

 1 CPE / CPD CREDITS

COURSE

Charts in Depth

Creating charts is a very common task in Excel. This course shows you how to create, format and edit charts so that they are easy to understand and look professional.

 90 MINS

BEGINNER

 1 CPE / CPD CREDITS**COURSE**

Build Your First Dashboard

Dashboards are a very popular business tool for summarising and garnering insights from data. In this course, we'll build a simple sales dashboard from scratch in Excel.

 120 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**COURSE**

Build Your First Model

This introductory modeling course will teach you how to build a pricing model from scratch - helping our case study Zippy Airways, maximize profitability.

 150 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS**COURSE**

Forward-Looking Models

SupraChem has a high-risk technology project that requires additional investment. Learn how to build a forward-looking model and use new tools such as decision trees and scenario analysis to help the company reach a decision.

 150 MINS

ADVANCED

 2 CPE / CPD CREDITS**PROJECT**

Analyze the commercial viability of an airport

In this project, you'll help a local government analyze a big infrastructure project. You'll build a detailed Excel model analyzing potential cash flows from the project, incorporating potential risks and issues. You'll then make a recommendation on whether the investment is commercially viable.

 90 MINS

ADVANCED

 1.5 CPE / CPD CREDITS**COURSE**

Introduction to Valuation

Valuing investments can be daunting at first. This course will teach you the basic theory of valuation and show you how to build simple Excel valuation models.

 150 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS

COURSE

Valuing a Real Estate Investment

In this course, learn how to build your first, full valuation model from scratch. The investment opportunity is a downtown 3-bed apartment, recently put up for sale.

 120 MINS

ADVANCED

 1.5 CPE / CPD CREDITS**PROJECT**

Value an investment in a company with a model

In this project, you'll help a small business investor who is considering purchasing a share in a small company. You'll build an Excel model analyzing the potential revenues and costs from this investment, and determine if the returns in the next 5 to 7 years are likely to justify the investment.

 90 MINS

ADVANCED

 1.5 CPE / CPD CREDITS**COURSE**

Introduction to Excel Macros

Macros help you automate tasks in Excel and can be a big time-saver, particularly when formatting cells. What's more, you don't need to be a programmer to build them!

 90 MINS

ADVANCED

 1 CPE / CPD CREDITS**COURSE**

Introducing Power Pivot

Power Pivot is a data modeling tool available within Excel. This course will introduce the important points of the Excel data model, and show you how to create Pivot Tables and Pivot Charts using the data model.

 120 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS**COURSE**

Developing and Visualizing Your Data Model

In our second course on Power Pivot, we will look at more of the important features of Power Pivot, such as data tables and hierarchies. We will also explore options for displaying your data that go beyond Pivot Tables, such as Power Maps and other visualization tools available in Excel

 120 MINS

ADVANCED

 1.5 CPE / CPD CREDITS**COURSE**

Power Query

Power Query (or Get and Transform in Excel 2016) lets you import data from a variety of sources into Excel. You can also transform awkwardly formatted data into an appropriate layout for data analysis, as we'll see in this course.

 120 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS

COURSE

Essential DAX Functions and Concepts

"Data Analysis Expressions, or DAX, is the formula language of Power Pivot, but there are many

🕒 120 MINS

BEGINNER

⚙️ 0.5 CPE / CPD CREDITS

COURSE

Practical Applications of DAX

Having established a knowledge of the main concepts of the DAX language, this course will demonstrate various common business applications of DAX in Power Pivot. You will see that an understanding of Power Pivot and DAX lets you create more complex and insightful charts and tables, without leaving Excel.

🕒 150 MINS

ADVANCED

⚙️ 2 CPE / CPD CREDITS

COURSE

Monte Carlo Simulation

Monte Carlo simulation allows us to identify possible and probable outcomes from a process by simulating it repeatedly. Learn how to create these simulations in this course.

🕒 150 MINS

INTERMEDIATE

⚙️ 2 CPE / CPD CREDITS

COURSE

Advanced DAX Functions and Concepts

In our second course on Data Analysis Expressions, we'll look at areas of DAX that can be a little bit more difficult to implement, like time intelligence. We'll also demonstrate some of the important concepts that underpin DAX, such as contexts and filtering. Once you can understand this course, you'll be well placed to understand DAX comprehensively.

🕒 150 MINS

ADVANCED

⚙️ 2 CPE / CPD CREDITS

PROJECT

Reduce an internet provider's customer complaints

Help an internet service provider get to grips with its poor customer service experience. You'll clean customer data, create a solid data model, and use it to derive insights about the issues people are experiencing, providing guidance for the company to improve its customer relations.

🕒 90 MINS

ADVANCED

⚙️ 1.5 CPE / CPD CREDITS



Financial Modeling

Explore Kubicle's Financial Modeling Catalog



Financial Modeling

COURSE

Introduction to Financial Statements

Understanding financial statements is a critical skill for all management executives. This course provides a brief overview of the 3 financial statements and how to perform some financial analysis in Excel.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Financial Projections

In this course, we predict the future performance and financial health of a company by building 5-year projections for MarkerCo's financial statements.

🕒 150 MINS

INTERMEDIATE

🔧 2 CPE / CPD CREDITS

PROJECT

Identify credit ratings with financial projections

In this project, you'll help a credit rating agency rate a company seeking funding for the first time. You'll analyze three years of past financial statements, and develop five years of projections, identifying the financial health of the company so investors can make informed investment decisions.

🕒 90 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Performing Your First Company Valuation

This course will show you how to estimate a company's value using several valuation techniques. The key company valuation concepts are covered, such as enterprise and equity value, capital asset pricing model and terminal value.

🕒 150 MINS

ADVANCED

🔧 2 CPE / CPD CREDITS

COURSE

Leveraged Buyouts

Debt structures are very common in financial modeling and are required learning for analysts. In this course, I'll show you how a private equity firm uses different forms of debt to purchase MarkerCo in a leveraged buyout.

🕒 120 MINS

ADVANCED

🔧 1.5 CPE / CPD CREDITS

COURSE

Modeling startup investments

Valuation models for fast-growth, early-stage companies require a different approach to established, stable businesses. We'll value a fictional startup, TrackerTime, which is seeking investment from a venture capitalist.

🕒 150 MINS

ADVANCED

🔧 2 CPE / CPD CREDITS



Financial Modeling

PROJECT

Evaluate the merits of an investment in a startup

In this project, you'll help a startup IT consulting company evaluate an investment offer. You'll create financial projections that account for the differences between a startup and an established company, and evaluate the returns from the proposed investment to determine its financial viability.

🕒 90 MINS

ADVANCED

🔒 1.5 CPE / CPD CREDITS

COURSE

Mergers and Acquisitions

Mergers and Acquisitions are transactions in which the ownership of companies is combined into a single entity. This course will show you how to analyze a fictional acquisition in the clothing retail industry.

🕒 120 MINS

ADVANCED

🔒 1.5 CPE / CPD CREDITS

PROJECT

Value a company in advance of a merger

In this project, you'll develop a valuation model for a window and door retailer that is seeking a buyer. When the optimum buyer turns out to be a competitor company, you'll then develop a model for this merger transaction that will help determine if the merger makes financial sense.

🕒 90 MINS

ADVANCED

🔒 1.5 CPE / CPD CREDITS

COURSE

Advanced LBO Modeling Part 1

This course provides a much more detailed financial model for an LBO transaction, incorporating many new concepts and accounting principles, not included in our previous LBO course.

🕒 120 MINS

ADVANCED

🔒 1.5 CPE / CPD CREDITS

COURSE

Advanced LBO Modeling Part 2

In this course, we learn how to adjust our financial statement projections, due to the acquisition of the company. In addition, we perform a series of analyses to generate a recommendation for Dealer-Partners on the proposed deal.

🕒 150 MINS

ADVANCED

🔒 2 CPE / CPD CREDITS

PROJECT

Calculate the returns from a leveraged buyout

In this project, you'll help a private equity firm which is purchasing a soft drinks manufacturer in a leveraged buyout. You'll build a thorough model for the transaction, and evaluate the private equity firm's expected returns. This will help them decide if the transaction is worth pursuing.

🕒 90 MINS

ADVANCED

🔒 1.5 CPE / CPD CREDITS



Data Literacy

Explore Kubicle's Data Literacy Catalog



COURSE

Introduction to Data Literacy

Discover how data literacy is increasingly important for the future of work, and learn how Kubicle can make you data literate in this short course.

🕒 30 MINS

BEGINNER

🔧 0.5 CPE / CPD CREDITS

COURSE

Thinking and Communicating with Data

Often the ability to think about data and the ability to effectively communicate are considered separate skillsets. This course focuses on harmonizing the two skills into one essential skillset.

🕒 120 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS

COURSE

Introduction to Data and Databases

Data doesn't have to be just for technically minded analysts. These courses teach you all the non-technical principles of understanding and working with data in your company.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Introduction to Data Preparation

Learn the key principles of data preparation in order to format your data in a consistent manner, ready for analysis. You'll gain a solid understanding of this critical process, ensuring that your insights are built on solid foundations.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Planning a Data Driven Project

Discover how to navigate from an abstract idea to a fully fleshed-out data project. In this course, we learn about the principles of defining needs, mapping the business context, establishing a vision for our final product, setting up a scaffolding plan to ensure compliance, and considering the hand-over process.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS



AI Fundamentals

Explore Kubicle's AI Fundamentals Catalog



COURSE

Introduction to Artificial Intelligence

Artificial Intelligence (AI) has the potential to transform many business sectors and processes. This course will introduce the fundamental concepts behind AI, including what it is and where it's used. We'll also discuss some of the issues surrounding AI, such as ethical and privacy concerns, and consider the possible future developments of AI, including the possible consequences for jobs and even societies. This course is entirely non-technical and requires no prior knowledge of AI.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS

COURSE

Business Applications of AI

Artificial Intelligence (AI) has a variety of applications in business, such as text or image analysis, speech recognition, and behavior or sentiment analysis. In this course, we'll explain some of these applications, outlining how they're used, what algorithms they involve, and what results you might expect. However, we'll stop short of coding or implementing any AI solutions, meaning this course will remain relatively non-technical.

🕒 60 MINS

INTERMEDIATE

🎯 1 CPE / CPD CREDITS

COURSE

Introduction to The EU Artificial Intelligence Act

AI is revolutionizing business, but without proper regulation, it can lead to biased decisions, security threats, and ethical concerns. In this course, you'll discover how the EU AI Act sets the global standard for responsible AI, learn how AI systems are classified by risk, navigate compliance requirements, and understand the Act's impact on businesses and industries worldwide.

🕒 90 MINS

BEGINNER

🎯 1.5 CPE / CPD CREDITS

COURSE

AI Ethics and the Workplace

In this course, you'll learn how AI is used in the workplace and why ethical use is essential. You'll explore six key principles for using AI responsibly. By the end, you'll be able to apply these principles to spot potential risks, ask the right questions, and ensure AI supports both your organization and the people it impacts.

🕒 90 MINS

BEGINNER

🎯 1.5 CPE / CPD CREDITS

COURSE

Predicting Future Values

Artificial Intelligence techniques can help you predict the key values that help you make important business decisions, but to do so you need to understand what AI models can do this and how to evaluate them. In this course, you'll learn how to predict numeric values using regression techniques.

🕒 60 MINS

INTERMEDIATE

🎯 1 CPE / CPD CREDITS

COURSE

Predicting Scenarios

Not all business situations boil down to numbers. Sometimes you need to predict an outcome that has only a few possible values. In this course, you'll learn how to predict scenarios with a limited number of outcomes using classification techniques.

🕒 60 MINS

INTERMEDIATE

🎯 1 CPE / CPD CREDITS



COURSE

Identifying Patterns

Learn how AI techniques can discover hidden patterns and trends that are not immediately obvious, but contain valuable insights. In this course, you'll learn how unsupervised learning techniques are used to find clusters and associations in datasets.

🕒 60 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS

COURSE

Understanding Natural Language

Understanding natural human language has traditionally been a difficult task for computers, but AI methods make it increasingly possible. This course will teach you about Natural Language Processing (NLP), including what it is, where it can be used, and a principles-based overview of how it works.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Large Language Models

Large Language Models are used to power modern language tools like chatbots and other generative AI tools. This course will introduce the principles of these models, including how they work, how to interpret and adjust them, and how they might improve in the future.

🕒 60 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS

COURSE

Introduction to Generative AI

"A lot has been said lately about Generative AI, and not only by the experts. Many enthusiasts have also seen the tremendous value that this technology can bring to businesses by helping generate desired content.

🕒 90 MINS

BEGINNER

🔧 0.5 CPE / CPD CREDITS

COURSE

Exploring ChatGPT

These days, it is hard to find someone who hasn't at least heard of ChatGPT. In this course, we'll dissect ChatGPT for its history, versions and features, and understand its various business applications before building our own custom ChatGPT and discussing its limitations, ethical considerations and competitors.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Advanced Prompt Concepts

The recent expansion of Generative AI systems has nudged many to learn how to maximize their potential. Our Introduction to Prompt Engineering course equips you to do exactly that, as it guides you to craft well-structured and effective prompts that would produce the expected output. In this course, however, we take a step further. We look under the hood to analyze the interaction process between prompts and language models that aims to generate and optimize the prompt output.

🕒 60 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS



COURSE

Using Copilot in Microsoft 365

Copilot is Microsoft's AI assistant that can significantly speed up your work in Microsoft 365 products like Excel, PowerPoint, Word, Outlook, and Teams. In this course, you'll learn what Copilot can do in Microsoft 365 and how it can improve your efficiency at work.

🕒 120 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS

COURSE

Introduction to Copilot Studio

This course introduces you to Microsoft Copilot Studio and shows you how to build AI-powered Copilots without any coding experience. You'll explore how Copilots enhance productivity, learn the core concepts behind their design, and build a working HR Copilot from scratch using topics, actions, and knowledge sources.

🕒 60 MINS

INTERMEDIATE

🎯 1 CPE / CPD CREDITS

COURSE

Prompt Engineering

Generative AI is an essential tool for business professionals, and prompt engineering is the most effective way to interact with it. This course covers foundational and advanced prompting techniques, explores AI's capabilities and limitations, and provides strategies for building a practical prompt toolkit.

🕒 60 MINS

INTERMEDIATE

🎯 1 CPE / CPD CREDITS

COURSE

Data Analytics for ChatGPT and Copilot

Generative AI is transforming data analytics by enabling faster and more accurate data processing. In this course, you'll learn how to integrate GenAI tools into your data analytics processes, enhancing your ability to extract meaningful insights and make informed decisions.

🕒 90 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS

COURSE

Inline Coding With AI

The advancement of Generative AI has enabled professionals without formal programming backgrounds to perform tasks traditionally reserved for experienced software developers. In this course, we'll explore an "inline" style of coding with AI, or "Vibe Coding", to create simple tools and applications that can enhance our workflows.

🕒 120 MINS

ADVANCED

🎯 2 CPE / CPD CREDITS

COURSE

Introduction to Retrieval Augmented Generation (RAG)

This course explores how RAG enhances AI systems by retrieving real-time, external information to improve accuracy, reduce hallucinations, and expand domain knowledge. You'll learn how RAG works, how it compares to fine-tuning, and how its components—retrieval, augmentation, and generation—come together in a full RAG pipeline.

🕒 90 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS



Alteryx

Explore Kubicle's Alteryx Catalog

COURSE

Alteryx Fundamentals

In this course, we start by explaining how to import different datasets into Alteryx. By using tools such as data selection, comment and containers, we emphasize the importance of well laid out and correctly labeled workflows.

 150 MINS

BEGINNER

 1.5 CPE / CPD CREDITS**COURSE**

Inputting and Outputting Data

In this course, we explore the number of ways that Alteryx enables us to connect with our data and share our findings with collaborators or even other programs. It explores tools such as the Dynamic Input tool, various Reporting tools and manually installed tools such as the Publish to Power BI tool.

 180 MINS

INTERMEDIATE

 3 CPE / CPD CREDITS**COURSE**

Joining and Transforming Data

Joining data is a fundamental data preparation skill, but that doesn't mean that it's easy. We've configured this course to ensure that the users have a much stronger grasp of this essential skill. This course covers the basics of unions, joins, pivoting, and transposing data.

 150 MINS

BEGINNER

 2 CPE / CPD CREDITS**COURSE**

Applying Parsing and Formula Tools

In almost all projects, we'll need to parse data and perform calculations to facilitate further analysis. In this course we'll look at the parsing and formula tools available in Alteryx.

 150 MINS

INTERMEDIATE

 2 CPE / CPD CREDITS**PROJECT**

Automate the presentation of cash flow data

Help an emerging sushi franchise with a cash flow reporting problem. The company is having difficulty reviewing the financials of its franchisees and would like to generate standardized, up-to-date reports for each of its franchisees. You'll use Alteryx reporting tools to automate this process.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**PROJECT**

Automate the preparation of revenue data for analysis

In this project, you'll help a washing machine company that's struggling to prepare complex datasets for business reporting. You'll show WashCo how they can use Alteryx to clean up their revenue data automatically - preventing delays, mistakes and internal confusion.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS

COURSE

Finding and Replacing Data

Through this course, analysts will learn more advanced techniques for parsing and manipulating data through Alteryx. Analysts are introduced to the concepts of Fuzzy Matching and Regular Expressions through a series of lessons.

 120 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**COURSE**

Automating Financial Statement Preparation

Drastically cut down on time preparing financial statements by learning how to use Alteryx to automate financial statements. Learn how to automate the processing of Income Statements, Balance Sheets, and Cash Flow Statements.

 210 MINS

ADVANCED

 3 CPE / CPD CREDITS**COURSE**

Spatial Data and Mapping

Data visualization and geospatial mapping are increasingly popular business tools. In this course, we'll look at how Alteryx can help analysts convert coordinates into recognizable geospatial data for mapping and analysis.

 120 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS**COURSE**

Applications and Macros

These lessons look at the Alteryx interface tools. You will learn how to design and execute dynamic apps, and create Batch Macros and Iterative Macros. Finally, you will learn how to connect Analytical Applications in series.

 210 MINS

ADVANCED

 3 CPE / CPD CREDITS**COURSE**

AB Testing

In this course, we'll look at how to apply AB Testing to gain greater insight into customer behavior and improve the customer experience.

 90 MINS

ADVANCED

 1 CPE / CPD CREDITS**COURSE**

Web Scraping

In this course, we will cross-reference information on one website with geo-data available through an API from a different source. Through this case study, we will learn how to investigate websites to find relevant information, manipulate this data using Alteryx tools and integrate multiple sources to generate an enhanced dataset.

 120 MINS

ADVANCED

 1.5 CPE / CPD CREDITS

COURSE

Regression Analysis

This course focuses on the use of linear and logistic regression analysis applied to business use cases. Learn how to deploy and assess the quality of your models and improve their predictive performance.

 **150 MINS****ADVANCED** **2 CPE / CPD CREDITS****PROJECT**

Help a courier service improve delivery times

Help a courier company improve its estimated delivery times. You'll create a linear regression model that uses a dataset on previous deliveries to make more accurate predictions. The goal is to use this model to improve future deliveries.

 **90 MINS****ADVANCED** **1.5 CPE / CPD CREDITS****COURSE**

Time Series Analysis

This course looks at the Alteryx time series tools. You'll use historic data to make univariate and covariate forecasts, and how to compare forecast outputs. Finally, you'll learn the merits and downsides of customizing the model.

 **120 MINS****ADVANCED** **1.5 CPE / CPD CREDITS****COURSE**

Classification Models

This course looks at classification models in Alteryx. You'll use sample data to train and validate a predictive model. You'll see several techniques, then export the preferred models and fit them to new data.

 **150 MINS****ADVANCED** **2 CPE / CPD CREDITS****COURSE**

Clustering and Market Basket Analysis

This course covers two common unsupervised learning techniques that can be deployed in Alteryx. The first is market basket analysis which can be used to understand customer behavior. The other is clustering which is used to find underlying patterns in the data in the form of groups.

 **120 MINS****ADVANCED** **1.5 CPE / CPD CREDITS**



SQL

Explore Kubicle's SQL Catalog

COURSE

Understanding SQL Databases

Learn how databases are structured to maximize efficiency and how data can be extracted from a database using SQL code.

🕒 120 MINS

BEGINNER

🏆 1.5 CPE / CPD CREDITS

COURSE

Selecting and Filtering Data with SQL

This course covers the more advanced methods for selecting data such as select distinct and subqueries. In addition, we also demonstrate how to use the where clause to filter our data.

🕒 90 MINS

BEGINNER

🏆 2 CPE / CPD CREDITS

COURSE

Joining Data with SQL

This course focuses on the various different join methods in SQL, such as inner joins, left and right joins as well as full outer joins.

🕒 90 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

COURSE

Aggregating Data with SQL

Learn how to create SQL queries that can aggregate data based on the sum, count, average etc. of a numeric data type. We'll also cover how to use the group by clause to break down the aggregates on a categorical field.

🕒 90 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

COURSE

Data Manipulation with SQL

In this course we expand on data types in SQL and learn how to manipulate dates, parse strings and perform calculations.

🕒 90 MINS

ADVANCED

🏆 1.5 CPE / CPD CREDITS

COURSE

Finance Functions in SQL

Harness the full potential of SQL in finance. In this course, you'll learn how to manage and analyze large financial datasets, build robust financial models, and generate insightful reports. By the end of the course, you'll be well-equipped to apply SQL to a wide range of financial tasks.

🕒 90 MINS

ADVANCED

🏆 1.5 CPE / CPD CREDITS

PROJECT**Project managing a charity's financial data**

In this project, you'll help a charity that's struggling to deal with a large influx of data. You'll show them how they can leverage SQL both to organize their financial records and to build robust and future-ready processes to extract useful insights from their data.

 90 MINS

ADVANCED

 0.5 CPE / CPD CREDITS



PowerPoint

Explore Kubicle's PowerPoint Catalog

COURSE

PowerPoint Fundamentals

The first step in understanding how powerful PowerPoint can be is learning how to use the basic tools at your disposal. In this course, you'll do just that, discovering how to create slides, add text, shapes and tables to them, and where to go to begin your customization journey. By the end of this course, you should have a strong foundation in what is possible with PowerPoint and know how to begin building your first presentation with the application.

🕒 120 MINS

BEGINNER

🔑 1.5 CPE / CPD CREDITS

COURSE

Presentation Visuals

Data analysis can return a wealth of insight and information, but unless you display those findings in an engaging way, you may find it hard to convince your audience. Adding visuals to your presentation will help ensure your messages land. In this course, you'll learn how to add basic visuals to your deck, varying how and when you display your most important data.

🕒 90 MINS

BEGINNER

🔑 1 CPE / CPD CREDITS

COURSE

Chart Selection

Charts are some of the most accessible visual tools we can use when illustrating data, but their impact depends on the type we select. When we use the wrong chart type for our message, we risk confusing our audience and losing their attention. To avoid this, we must understand each chart type and when to apply it.

🕒 90 MINS

INTERMEDIATE

🔑 1 CPE / CPD CREDITS

PROJECT

Design Charts to Illustrate Company Performance

In this project, you're helping the finance team of Alert Accelerator, a medical tech firm. You've been asked to present a roundup of the company's financial performance to senior management. You'll think about the most sensible way to present information and then present impactful charts to illustrate your findings.

🕒 60 MINS

INTERMEDIATE

🔑 0.5 CPE / CPD CREDITS

COURSE

Chart Construction

Charts are some of the most accessible visual tools we can use when illustrating data, but their impact depends on the type we select and how well we build it into our presentation. If our charts contain bad design habits, we risk confusing our audience and losing their attention. To avoid this, we must understand how to make an impact with the build of our charts.

🕒 150 MINS

INTERMEDIATE

🔑 1.5 CPE / CPD CREDITS

COURSE

Template Customization

Template customization design is crucial when building PowerPoint presentations as it allows the presenter to create a visually appealing and consistent design that aligns with their brand and messaging. A well-designed template can help the audience focus on the content, improve readability, and make the presentation more engaging and memorable.

🕒 150 MINS

INTERMEDIATE

🔑 1.5 CPE / CPD CREDITS

COURSE**Adding Interactivity**

One of the greatest challenges when presenting in front of an audience is maintaining their attention. Adding interactivity to slides can help with this. In a business setting, we can do this by adding subtle transitions and animations, through audience participation, or by engaging with live camera feeds. In this course, we'll explore how to hold your audience's attention and stave off fatigue.

 60 MINS

ADVANCED

 1 CPE / CPD CREDITS**COURSE****Presentation Design**

The presentations that engage their audience are built on a strong structure and comprehensively deliver on intention. How you built your insights into your structure will determine just how impactful your presentation can be. In this course, you'll learn how to determine your audience, intention, structure, content, before stepping back to assess its accessibility and accuracy.

 90 MINS

INTERMEDIATE

 1 CPE / CPD CREDITS**COURSE****Presenting in PowerPoint**

The final step of presenting data-driven insights to an audience is its physical delivery, whether that be virtually or in person. PowerPoint offers many presenting tools and commands that can help maintain presenter credibility from start to finish.

 90 MINS

INTERMEDIATE

 1 CPE / CPD CREDITS



GDPR

Explore Kubicle's GDPR Catalog



COURSE

Getting to Grips with GDPR

In this course, we'll provide you with an essential overview of GDPR and the key areas in which the GDPR might impact within an organization.

 **50 MINS**

BEGINNER

 **1 CPE / CPD CREDITS**



Python Fundamentals

Explore Kubicle's Python Fundamentals Catalog



COURSE

Python Fundamentals

In this course, the learner will get a grasp of the basics of Python. We'll learn about the basic principles behind Python, along with learning what Python is and why it's popular.

🕒 150 MINS

BEGINNER

⚙️ 2 CPE / CPD CREDITS

COURSE

Functions, Conditionality and Loops

In this course, we learn some important Python functionality that considerably enhances what we can do with Python code. We learn about functions, conditional statements, and repeating code loops.

🕒 180 MINS

INTERMEDIATE

⚙️ 2.5 CPE / CPD CREDITS

COURSE

Storing, Transforming and Visualizing Data

This course focuses on using Python to organize data. We'll learn about ways to load, clean, transform and visualize our data. We'll also cover 3 critical Python libraries: NumPy for advanced calculations, Pandas for reading and manipulating datasets, and Matplotlib for visualizing data.

🕒 180 MINS

INTERMEDIATE

⚙️ 2.5 CPE / CPD CREDITS

COURSE

Data Preparation

Learn about techniques you can use to manipulate data such as data unions, joins and aggregation. You'll also cover data cleaning methods such as handling nulls, duplicates, false data types, and more.

🕒 150 MINS

INTERMEDIATE

⚙️ 3 CPE / CPD CREDITS

COURSE

Connecting to Live Data

Use Python to connect to live data from an online source. You'll learn how to download csv files hosted online, add web page tables to Python and connect to data from APIs.

🕒 90 MINS

INTERMEDIATE

⚙️ 1.5 CPE / CPD CREDITS

PROJECT

Predict frost risk in vineyards using live data

Help a winemaker that has a system in place for predicting the risk of frost in its vineyards. Currently, the company manually adds minimum temperature forecasts, but this is slow and if forgotten, can lead to frost damage. You'll automate this process using Python to connect to live weather data.

🕒 90 MINS

INTERMEDIATE

⚙️ 1.5 CPE / CPD CREDITS



PROJECT

Clean nutritional data from ingredient suppliers

Help a homemade meal kit delivery company with a data problem that's breaking customer trust. You'll connect to data from multiple online sources and then apply data cleaning best practices to create a dataset free of errors and inefficiencies.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS



Visualization Fundamentals

Explore Kubicle's Visualization Fundamentals Catalog



Visualization Fundamentals

COURSE

Visual Data Thinking

Visualization is a critical business skill. In this course, you'll learn about the visual language hierarchy, and you'll discover how to add information to a chart in a way that maximizes its effectiveness.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS

COURSE

Applying Visual Data Skills

The best way to create effective visualizations using the visual language hierarchy is through practice. In this course, we'll work through several visual case studies, and learn how to use the hierarchy to improve visualizations and make them more effective.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS

COURSE

Visualization in Practice

Getting started with visualization software like Power BI and Tableau can be intimidating. Follow an accountant's journey as she learns about the value of integrating BI tools into her workflow.

🕒 30 MINS

BEGINNER

🎯 0.5 CPE / CPD CREDITS



Machine Learning with Python

Explore Kubicle's Machine Learning with Python Catalog



COURSE

Regression Analysis in Python

Create your first machine learning algorithm with Python. This course will teach you how to predict future numeric values based on existing data. You'll achieve this by applying linear regression analysis to a business scenario.

🕒 180 MINS

ADVANCED

🏆 2.5 CPE / CPD CREDITS

COURSE

Decision Trees in Python

Learn how to build classification algorithms that can predict outcomes that can only have a few possible variations. There are many classification algorithms, but we'll focus on Decision Trees which are both easy to understand and to visualize.

🕒 150 MINS

ADVANCED

🏆 2 CPE / CPD CREDITS

COURSE

K-Means Clustering in Python

Learn how to deploy the k-means clustering algorithm. We'll use these to segment customers into separate clusters which will allow the associated business to tailor its responses to these customers.

🕒 90 MINS

ADVANCED

🏆 1 CPE / CPD CREDITS

COURSE

Feature Engineering

Learn how to reshape your data to make it better fit your model. This course covers 3 types of feature engineering. The first, feature scaling, makes the scale of the data uniform. The second, feature selection, shows us which features contain the most predictive power. The third, dimensionality reduction, allows us to remove a large amount of data while minimizing loss to predictive power.

🕒 150 MINS

ADVANCED

🏆 2 CPE / CPD CREDITS

COURSE

Advanced Regression

Learn about more advanced methods for applying regression models. The course starts with nonparametric forms of regression such as decision tree regression, k-nearest neighbors regression, and support vector regression. The course then finishes by covering logistic regression.

🕒 90 MINS

ADVANCED

🏆 1.5 CPE / CPD CREDITS

PROJECT

Improve a car company's pricing strategy

Help a Japanese car company re-enter the US market. On their previous attempt, sales were too low as consumers found their cars to be overpriced. They've asked for your help using machine learning to determine what factors can inform price-setting for the US market.

🕒 90 MINS

ADVANCED

🏆 1.5 CPE / CPD CREDITS



COURSE

Advanced Classification

Build ML algorithms that can detect transaction anomalies or even determine the risk of a loan defaulting. Expand your classification skills with two new algorithms, Naïve Bayes and Support Vector Machines.

🕒 180 MINS

INTERMEDIATE

🔧 2.5 CPE / CPD CREDITS

COURSE

Advanced Clustering

Split your data into clusters using advanced techniques. You'll learn Single Linkage Clustering and Soft Clustering, enabling you to identify fraudulent activity, segment customers, and much more.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

PROJECT

Identify risk of default with predictive analytics

Help a bank identify the risk of customers defaulting on their loan repayments. You'll use several classification algorithms in order to build a model that can separate likely defaulters from customers who'll continue paying back their loans.

🕒 90 MINS

ADVANCED

🔧 1.5 CPE / CPD CREDITS



Data Ethics & Risk

Explore Kubicle's Data Ethics & Risk Catalog



COURSE

Introduction to Data Ethics

Ethics is an increasingly important topic in business as the power of analytics and technology grows. Learn why it matters and what fundamental principles you should be aware of in order to protect your organization.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Applying Ethical Thinking

Learn how your team or organization can reduce risk through an ethical thinking framework. Understand how to identify activities where responsible behavior is important and implement measures as appropriate.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS



RPA Fundamentals

Explore Kubicle's RPA Fundamentals Catalog



COURSE

Introduction to Robotic Process Automation

Explore the important role of robotic process automation in the industry today and the near future. Learn why RPA has become so prominent and why it's vital to get on board sooner than later.

 60 MINS

BEGINNER

 1 CPE / CPD CREDITS



RPA with Power Automate

Explore Kubicle's RPA with Power Automate Catalog



RPA with Power Automate

COURSE

Introduction to Power Automate

Microsoft's Power Automate helps you rapidly automate repetitive business tasks. This course will teach you the basics of Power Automate and get you started creating flows using the online Power Automate product.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Creating Power Automate Flows

Learn how to create flows that can automate a wide range of business processes using Power Automate Desktop. Gain valuable automation skills you can use to speed up and improve your own work.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

COURSE

Advanced Power Automate Flows

Power Automate Desktop has an extensive range of features that can be used to automate a variety of business processes. Learn about more advanced features you can use when developing more complex flows.

🕒 120 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS



Data Security

Explore Kubicle's Data Security Catalog



COURSE

Keeping Your Information Safe

Most business involves working with important, personal, or confidential information. This course teaches you how to protect this information from potential threats.

 60 MINS

BEGINNER

 1 CPE / CPD CREDITS

COURSE

Handling Data Securely and Responsibly

All companies need to handle data in a secure and responsible manner. This course explains the various principles that can be used to do this.

 90 MINS

INTERMEDIATE

 1.5 CPE / CPD CREDITS



RPA with UiPath

Explore Kubicle's RPA with UiPath Catalog



COURSE

UiPath Basics

Automation is a key driver for business efficiency and is becoming increasingly accessible to a wider share of applications. UiPath offers users an option to easily automate a wide range of processes through a drag and drop interface. This course will teach you how to navigate through UiPath and create a basic robotic process.

🕒 120 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS

COURSE

Automating UI Interactions with UiPath

This course delves into UiPath, where we learn to automate simple and monotonous tasks such as moving a large number of files from one folder to another based on certain conditions.

🕒 150 MINS

INTERMEDIATE

🔧 2 CPE / CPD CREDITS

COURSE

Advanced UiPath Workflows

Learn advanced automation workflows that can be created with UiPath including flowcharts and state machines. By completing this course, you'll be able to move beyond simple sequences and model more complex, non-linear business processes.

🕒 150 MINS

ADVANCED

🔧 2 CPE / CPD CREDITS



Word

Explore Kubicle's Word Catalog



COURSE

Typing and Formatting Text in Word

Become proficient in typing and formatting text. This course teaches best practice for typing, navigating, formatting text, adjusting spacing and applying styles.

🕒 120 MINS

BEGINNER

⚙️ 1.5 CPE / CPD CREDITS

COURSE

Adding Bullet Points and Tables

Rearrange text into easier to read format. This course teaches you how to break down concepts into bullet points and how to store structured data in tables.

🕒 120 MINS

BEGINNER

⚙️ 1.5 CPE / CPD CREDITS

COURSE

Designing with Shapes, Pictures, and Themes

Add to the visual aesthetic of your document with shapes, images, and themes. This course teaches you how to use shapes to build flowcharts, import and edit images and how to set themes for your whole document.

🕒 90 MINS

INTERMEDIATE

⚙️ 1 CPE / CPD CREDITS

COURSE

Adjusting the Layout of the Document

Control the look and layout of a Word document. This course introduces the different Word views and layout options such as margins, page orientation, and columns.

🕒 90 MINS

INTERMEDIATE

⚙️ 1 CPE / CPD CREDITS

COURSE

Adding References

This course covers several ways you can reference the material in a document. They cover tables of contents, references to academic sources and photographs, captions for pictures and diagrams, and indexes for keywords

🕒 90 MINS

INTERMEDIATE

⚙️ 1 CPE / CPD CREDITS

COURSE

Reviewing & Sharing

This course covers the essentials of proofing, collaborating and reviewing changes to a document.

🕒 90 MINS

INTERMEDIATE

⚙️ 1 CPE / CPD CREDITS



COURSE

Macros, Add-ins, and Mail Merge

Learn about tools such as Macros and Mail Merge. This course also covers add-ins which are created by other companies to add even more functionality to Word.

🕒 90 MINS

INTERMEDIATE

⚙️ 1 CPE / CPD CREDITS



Outlook

Explore Kubicle's Outlook Catalog

COURSE**Sending and Organizing Emails**

Learn the essential skills of managing emails, contacts, calendars and tasks.

 120 MINS**BEGINNER** 1.5 CPE / CPD CREDITS**COURSE****Managing Contacts, Calendars, and Tasks**

Learn to use Outlook to manage your productivity. This course teaches essential skills for arranging contacts, organizing calendar events and scheduling tasks.

 90 MINS**INTERMEDIATE** 1 CPE / CPD CREDITS



Statistical Analysis

Explore Kubicle's Statistical Analysis Catalog



COURSE

Principles of Statistics

This course introduces various important statistical principles that can be applied in other Kubicle courses. This course will be useful for anyone who applies these techniques and wants to understand the principles behind them.

🕒 120 MINS

BEGINNER

🏆 1.5 CPE / CPD CREDITS

COURSE

Introduction to Predictive Modeling

Data models can be used for many purposes, like prediction, classification, and time series analysis. This course explains the principles of these techniques, and will be useful to anyone with an interest in predictive modeling.

🕒 150 MINS

BEGINNER

🏆 2 CPE / CPD CREDITS

COURSE

Probability Principles

Probability is a commonly used, but often misunderstood area of statistics. This course introduces essential probability concepts and teaches you to calculate probabilities correctly.

🕒 120 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

COURSE

Probability Distributions

Probability distributions provide a structure that helps us understand and calculate the probability of events. Learn about some of the most important probability distributions in this course.

🕒 150 MINS

INTERMEDIATE

🏆 2 CPE / CPD CREDITS

COURSE

Hypothesis Testing

Hypothesis testing lets you test what messages your data is actually sending you. This course will teach you how to conduct a wide variety of useful hypothesis tests.

🕒 120 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS



Power BI

Explore Kubicle's Power BI Catalog



COURSE

Building Your First Dashboard

This course introduces Power BI and its capabilities to new users. You'll learn how to create a dashboard, import data and create a report in Power BI Desktop. You'll then upload the report to Power BI to create the dashboard.

🕒 120 MINS

BEGINNER

🏆 1.5 CPE / CPD CREDITS

COURSE

Introduction to Visualizations

This course introduces many of the most common visualization types in Power BI, such as bar charts, line charts and combo charts. You'll also learn how to format visuals, adjust their aggregations, filter them, and add analytics lines to them..

🕒 150 MINS

BEGINNER

🏆 2 CPE / CPD CREDITS

COURSE

Improving Your Visualizations

In this course, we'll learn how to go beyond basic Power BI visualizations and create more customized charts using tools like hierarchies, small multiples, and conditional formatting. You'll also learn how to analyze your data using Quick Measures, groups, parameters, and other useful tools.

🕒 150 MINS

BEGINNER

🏆 2 CPE / CPD CREDITS

COURSE

Exploring Power BI Visualizations

In this course, we'll explore the range of visualizations available in Power BI. You'll learn how to use maps, treemaps, cards, and others. We'll learn how to add custom visualizations to Power BI, and also look at AI-powered visualizations like Q&A and Smart Narratives.

🕒 150 MINS

BEGINNER

🏆 2 CPE / CPD CREDITS

COURSE

Designing Effective Dashboards

Creating proper visualizations is only useful if you can also arrange them into dashboards that communicate your messages effectively. This course will teach you how to do this.

🕒 120 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

PROJECT

Tackle delivery delays with real-time dashboards

Help a furniture chain store that's frustrating customers by delivering products with severe delays. You'll help them identify where the delays occur by building dashboards that deliver real-time insights and indicators. This will help the company react quickly and fix its problems.

🕒 90 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

PROJECT

Identify taxpayer cohorts by exploring data

Help a regional government assess the impact of a controversial property tax that's calculated based on a range of variables. You'll show them how to arrange and explore population data to demonstrate the impact of proposed measures, and identify potential problems with the tax structure.

 **90 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****COURSE**

The Query Editor

The Query Editor is used in Power BI Desktop to load and transform data before analyzing it. In this course, we'll import files from a folder, combine them into one query, and transform the data using the Query Editor.

 **90 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****COURSE**

Introduction to DAX

Power BI's formula language is called Data Analysis Expressions or DAX. This course introduces DAX, demonstrating how to use DAX to create columns and measures in your dataset, and introduces some of the most common DAX functions.

 **90 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****COURSE**

Advanced DAX Functions and Concepts

This course continues the analysis of DAX. It demonstrates some aspects of the language that are commonly used, but also potentially difficult, such as time intelligence. It also explains the concepts that distinguish DAX from formula languages such as Excel's, such as row and filter contexts.

 **90 MINS****INTERMEDIATE** **2 CPE / CPD CREDITS****COURSE**

Practical Applications of DAX

Having established a knowledge of the main concepts of the DAX language, this course will demonstrate various common business applications of DAX in Power BI. You'll see how to perform various common calculations and use them to produce compelling visualizations.

 **90 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****PROJECT**

Reduce an internet provider's customer complaints

Help an internet service provider get to grips with its poor customer service experience. You'll clean customer data, create a solid data model, and use it to derive insights about the issues people are experiencing, providing guidance for the company to improve its customer relations.

 **90 MINS****ADVANCED** **1.5 CPE / CPD CREDITS**

COURSE

Building Financial Statements

Power BI provides an ideal environment for financial statements, letting you analyze and visualize your data in one place. In this course, you'll develop an Income Statement, Balance Sheet and Statement of Cash Flows in Power BI Desktop, and you'll analyze these accounts to create a compelling financial report for your company.

🕒 180 MINS

INTERMEDIATE

🎯 2 CPE / CPD CREDITS

COURSE

Examining a Software Company

In this course, we'll apply the techniques we've seen in other courses to a practical case study featuring Interslice, a Software as a Service company using Power BI to obtain insights into their customer numbers and revenues.

🕒 150 MINS

INTERMEDIATE

🎯 2 CPE / CPD CREDITS

COURSE

Power BI Online Service

This course introduces Power BI's online service, which provides a platform for users to upload their reports from Power BI Desktop, or create reports directly. This course explains the features of this service, how to create interactive dashboards from these reports and the various methods of sharing content with other users. Some functionality covered requires access to a Power BI Pro license for usage and application.

🕒 120 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS

COURSE

Advanced Data Connections

In this course, you'll learn about some of the more advanced but practical data connections in Power BI, like APIs. You'll learn how to monitor and improve the performance of large data models, and you'll learn how to refresh data automatically without slowing down your data models. Some functionality covered requires access to Power BI Pro or Power BI Premium.

🕒 120 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS



Tableau

Explore Kubicle's Tableau Catalog

COURSE**Introducing Tableau**

Our first Tableau course will show you how to connect datasets to Tableau, understand the user interface, create interactive visualizations and how to save and distribute your work.

 **120 MINS****BEGINNER** **1.5 CPE / CPD CREDITS****COURSE****Creating Visualizations in Tableau**

Tableau has many excellent visualization options for your data, from simple bar charts to interactive maps and box-plots. In this course, we will step through each type of visualization, learning how and when to use them.

 **150 MINS****BEGINNER** **2 CPE / CPD CREDITS****COURSE****Filter, Groups, and Sets**

Filters, sets and groups enable users to create custom lists and calculations that can enhance your ability to isolate certain portions of your dataset. Filters also create great interactive elements on your dashboards.

 **120 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****COURSE****Dashboard Design**

Creating proper visualizations is only useful if you can also arrange them into dashboards that communicate your messages effectively. This course will teach you how to do this.

 **150 MINS****INTERMEDIATE** **2 CPE / CPD CREDITS****PROJECT****Prevent decision paralysis with dashboard reports**

Help a meal-prep startup that's paralyzed by a lack of clear and current data. At present, reports are contained within static PowerPoint and quickly go out of date. You'll assist the company by building a valuable Tableau Dashboard that updates automatically.

 **90 MINS****BEGINNER** **1.5 CPE / CPD CREDITS****COURSE****Introduction to Formulas in Tableau**

Tableau has its own Calculation Language that is similar to SQL or Excel. In this course, we'll write some basic formulas in the Tableau Calculation Language, incorporating useful in-built functions like LOOKUP() and WINDOWSUM().

 **120 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS**

COURSE

Further Formulas in Tableau

In our second course on Tableau formulas, we learn how to use logical functions, such as AND, IF and OR. In the second part of this course we also examine text, time and date functions and how they are best used in Tableau.

🕒 120 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

COURSE

Level of Detail Expressions

In Tableau, it can be difficult to combine different levels of granularity in a single view. Level of Detail (LOD) Expressions solve this problem but do require some practice to master.

🕒 120 MINS

ADVANCED

🏆 1.5 CPE / CPD CREDITS

PROJECT

Revamp confusing dashboards with a design audit

Help a newspaper company restore confidence in their failing customer satisfaction dashboard by guiding them with dashboard design principles. The dashboard is drab and difficult to follow, resulting in a loss of trust from key stakeholders. You'll help by reconstructing this dashboard in Tableau.

🕒 90 MINS

INTERMEDIATE

🏆 1.5 CPE / CPD CREDITS

COURSE

Optimizing for Performance

As Tableau can combine multiple large data sources, users must monitor performance and loading times carefully. In this course, we'll see techniques for reducing loading times, from joining data sources to changing calculations.

🕒 90 MINS

ADVANCED

🏆 1 CPE / CPD CREDITS

COURSE

Advanced Visualizations in Tableau

This course moves beyond the regular visualizations in Tableau and shows users how to create more advanced charts such as layered maps, funnels and waterfall charts.

🕒 90 MINS

INTERMEDIATE

🏆 1 CPE / CPD CREDITS

COURSE

Connecting to Different Data Sources

Tableau contains connectors to many data sources, from Google Sheets to SQL databases. We'll learn how to connect to these data sources, create joins and blends across them, and publish them to Tableau Online and Tableau Server.

🕒 90 MINS

ADVANCED

🏆 1 CPE / CPD CREDITS

PROJECT**Identify profitable airline routes with data visualization**

Help an airport increase the number of direct flight routes, while minimizing the number of unprofitable flight routes. You'll achieve this by visualizing and analyzing passenger data to determine how these expansion goals can be met.

 **90 MINS****INTERMEDIATE** **1.5 CPE / CPD CREDITS****COURSE****Preparing Financial Statements**

Develop an Income Statement, Balance Sheet and Statement of Cash Flows in Tableau. Learn how to analyze your accounts and create compelling visualizations of your financial reports.

 **150 MINS****ADVANCED** **2 CPE / CPD CREDITS****COURSE****Cleaning Data with Tableau Prep**

In this course, we'll use Tableau Prep's basic cleaning tools. We'll prepare a dataset with many errors for use with Tableau Desktop.

 **90 MINS****INTERMEDIATE** **1 CPE / CPD CREDITS****COURSE****Reshaping Data in Tableau Prep**

This course is about the Tableau Prep tools which enable you to reshape and reform your data. This includes merging multiple data sources, adjusting the granularity of the data and pivoting from wide to tall datasets.

 **90 MINS****INTERMEDIATE** **1 CPE / CPD CREDITS**



Alteryx Intelligence Suite

Explore Kubicle's Alteryx Intelligence Suite Catalog



COURSE

Computer Vision

Use tools to extract insights from images. Learn how to use the Image to Text tool to convert text within images to useable text. Use the Image Recognition tool to build a model that can tell images apart.

120 MINS

INTERMEDIATE

1.5 CPE / CPD CREDITS

COURSE

Text Mining

Use text mining tools to extract insights from large volumes of text data. Start with the Sentiment Analysis tool which can classify the tone of text data as either positive, neutral, or negative. Then learn how to use the Topic Modeling tool to separate text data into topics based on the contents of the text.

90 MINS

INTERMEDIATE

1 CPE / CPD CREDITS

PROJECT

Automatically categorize consumer complaint data

Help a financial services company process and categorize thousands of consumer complaints automatically so that they can be forwarded to the division responsible for that complaint..You'll achieve this by using Alteryx Intelligence Suite's Computer Vision and Text Mining tools.

90 MINS

INTERMEDIATE

1.5 CPE / CPD CREDITS



Data Strategy & Governance

Explore Kubicle's Data Strategy & Governance Catalog



COURSE

Defining Your Data Strategy

Learn how to leverage the value of your organization's data. This course will first teach you what data science is, and how it can deliver value to your company. Learn how to use this knowledge to create an overarching data strategy for your company.

🕒 90 MINS

BEGINNER

🎯 1.5 CPE / CPD CREDITS

COURSE

Building a Data-Driven Culture

Learn how to start using data in everyday business projects and develop a culture of using data throughout your organization.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS



Data Presentation Skills

Explore Kubicle's Data Presentation Skills Catalog



Data Presentation Skills

COURSE

Communicating Data Effectively

The first step in presenting your data is understanding how to communicate it effectively. In this course, you'll learn about the most important points to bear in mind when deciding how to communicate using data, and we'll introduce several frameworks you can use to structure your points and arguments.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Telling Stories with Data

Many people find data to be a dull or technical topic, and communicating with these people can be difficult. Data storytelling helps you communicate your data in a way that's accessible to anyone. This course teaches you how to structure, create and present data stories, and how to embed data storytelling in your company.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Presenting Your Data

Presenting data is an essential business skill. In this lesson, we'll learn about different methods of presenting your data, such as through presentations and reports, learn how and when to use these methods, and help you develop the skills you need to become an effective presenter of data.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS



Finance Fundamentals

Explore Kubicle's Finance Fundamentals Catalog



COURSE

Introduction to Finance

Finance is a broad ranging topic; for a non-finance professional, it can be difficult to know where to start. In this course, you can explore the core components of corporate finance, familiarise yourself with financial statements and explore some of the principles which guide accountants and finance professionals.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Analyzing the Income Statement

Financial statements serve as the bedrock for financial analysis. In this course, you can take a deep dive, unpacking the income statement line by line, before trying out some powerful analytical tools in the form of financial ratios.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Analyzing Balance Sheets and the Cash Flow Statement

Statements like cash flow and the balance sheet provide the foundation for financial analysis. In this course, you can explore each in detail, applying financial ratios to gain valuable insights.

🕒 90 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS

COURSE

Financial Ratios

Financial ratios are a crucial when making informed business decisions. In this course, you'll explore the five key types of financial ratios and learn how to apply them in practical settings to evaluate profitability, liquidity, efficiency, solvency, and market value.

🕒 90 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

PROJECT

Consult a struggling renewable energy firm

In this project, you'll read and interpret the financial statements of a struggling renewable energy firm. You'll use ratio analysis to assess the business' financial health, and use your analysis to make recommendations to the board.

🕒 90 MINS

INTERMEDIATE

🔧 1 CPE / CPD CREDITS



Power Apps

Explore Kubicle's Power Apps Catalog



COURSE

Introduction to Power Apps

This course introduces Power Apps to new users. You'll learn what Power Apps is, and you'll see how quickly you can use it to develop apps that will improve your business processes.

120 MINS

BEGINNER

1.5 CPE / CPD CREDITS

COURSE

Building a Canvas App

Canvas apps are the most commonly developed apps in Power Apps. This course will teach you what canvas apps are, and help you develop a detailed, functioning canvas app from scratch.

150 MINS

BEGINNER

2 CPE / CPD CREDITS

COURSE

Dataverse for Power Apps

Dataverse is the data storage system used by the Power Platform, making it a useful data source for some app types and an essential one for others. This course will teach you what Dataverse is and how to use it.

150 MINS

INTERMEDIATE

2 CPE / CPD CREDITS

COURSE

Creating a Model-Driven App

Model-driven apps are used to view and edit a data model created in Microsoft Dataverse. This course will teach you about the components of these apps and how to create them.

180 MINS

INTERMEDIATE

2.5 CPE / CPD CREDITS

COURSE

Developing AI Models

Power Apps and the Power Platform incorporate several tools that can be used to add AI models to your apps. This course will teach you how to use these tools to develop models like sentiment analysis, document analysis, and chatbots.

150 MINS

INTERMEDIATE

1.5 CPE / CPD CREDITS



APIs

Explore Kubicle's APIs Catalog



COURSE

The API Economy

The enormous productivity and efficiency benefits of API adoption has led to the emergence of a thriving API economy. In this course, we'll explore the constituent parts of this economy, identifying the main players, how they are leveraging APIs for financial gain, before examining, at a high level, how APIs work.

🕒 90 MINS

BEGINNER

⚙️ 1 CPE / CPD CREDITS

COURSE

Working With APIs

With the proliferation of APIs, businesses and individuals are increasingly turning to integrations to maximize the power of their platforms and streamline their processes. In this course, we'll take a look under the hood, exploring what makes up an API. We'll also experiment with some of the tools we might use to leverage APIs in our workflows.

🕒 120 MINS

INTERMEDIATE

⚙️ 1.5 CPE / CPD CREDITS



Strategic Analysis

Explore Kubicle's Strategic Analysis Catalog



COURSE

Internal and External Analysis

In this course, we'll explore internal and external analysis frameworks. Internal analysis helps identify an organization's strengths and weaknesses, aiding in resource allocation and performance improvement. External analysis assesses market dynamics, competition, and opportunities, enabling informed decision-making and strategic alignment, essential for sustainable growth, competitiveness, and effective data-driven strategies in business.

🕒 90 MINS

BEGINNER

🎓 1 CPE / CPD CREDITS

COURSE

Positioning and Process Analysis

In this course, we'll explore positioning and process analysis frameworks. Positioning frameworks help identify and leverage a company's unique strengths and capabilities within a market, as well as identify potential threats and challenges. Process frameworks allow organizations to drill down into internal systems, analyzing for efficiency and improvement opportunities. Both give organizations a competitive advantage in the medium to long term.

🕒 60 MINS

INTERMEDIATE

🎓 1 CPE / CPD CREDITS



App Development Fundamentals

Explore Kubicle's Tableau Catalog



App Development Fundamentals

COURSE

App Development Fundamentals

Explore the basic principles of developing apps within your company. Learn about the scope of apps, from large pieces of software to simple apps developed using low-code tools, and learn how to create apps in your business.

 60 MINS

BEGINNER

 1 CPE / CPD CREDITS



Technology Fundamentals

Explore Kubicle's Technology Fundamentals Catalog



Technology Fundamentals

COURSE

Foundational Technologies

In today's fast-paced digital world, understanding foundational technologies is crucial for staying competitive. In this course, you'll gain essential knowledge in web design, web technologies, cloud computing, and cybersecurity. By completing this course, you'll be empowered to harness these tools effectively in a modern business environment.

🕒 90 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS

COURSE

Established Technologies

Unlock the potential of data science, AI, IoT, and RPA in this course, where you'll explore some of the key technologies which are transforming businesses. Learn how to apply them to drive efficiency, innovation, and growth in your organization.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Emerging Technologies

Emerging technologies are the cutting-edge innovations shaping the future of business. In this course, you'll explore concepts like extended reality, blockchain, and 5G, delving into their principles and applications. By completing this course, you'll be ready to evaluate and implement these technologies in your own business strategies.

🕒 60 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Frontier Technologies

In an era of rapid technological advancement, understanding cutting-edge innovations is crucial for staying ahead. This course explores frontier technologies like quantum computing and neuromorphic engineering, examining how they work, their potential applications, and the challenges they face. By taking this course, you'll be well equipped to assess the future impact of these technologies.

🕒 60 MINS

BEGINNER

🔧 0.5 CPE / CPD CREDITS



Project Management Fundamentals

Explore Kubicle's Project Management Fundamentals Catalog



Project Management Fundamentals

COURSE

Getting Started with Projects

Project management is essential for delivering work efficiently and aligning efforts with strategic goals. Explore the fundamentals of project management—from key roles and lifecycle stages to planning, execution, and closing—equipping you with the tools to manage projects successfully in any business environment.

🕒 60 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS

COURSE

Project Roles and Responsibilities

Clear roles and responsibilities are the backbone of successful project delivery. In this course, you'll learn how to define, manage, and align the key players in a project: project managers, sponsors, team members, and stakeholders; to ensure collaboration, accountability, and strategic alignment across the project lifecycle.

🕒 90 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS

COURSE

Project Planning

Effective project planning is essential for delivering successful outcomes in today's dynamic business environment. In this course, you'll build practical skills to define project objectives, scope, schedules, resources, budgets, and risks using both predictive and adaptive planning approaches.

🕒 90 MINS

BEGINNER

🔧 1 CPE / CPD CREDITS

COURSE

Project Management Approaches

This course explores key project management methodologies, helping learners choose and apply the right approach for any project. From structured methods like Waterfall and PRINCE2 to adaptive, efficiency-focused, and visual tools like Agile, Lean, Kanban, and more, you'll build a flexible, practical toolkit.

🕒 90 MINS

INTERMEDIATE

🔧 1.5 CPE / CPD CREDITS

PROJECT

Project managing the redesign of a busy front page

Leverage your project management skills to help a news outlet with the overhaul of their outdated front page. In this project, you'll put together the ideal project team, consider engagement strategies, track work-in-progress, and generally ensure the project runs smoothly to completion.

🕒 90 MINS

INTERMEDIATE

🔧 0 CPE / CPD CREDITS

COURSE

Planning a Research Project

Research is essential for making data-driven decisions in business. This course guides learners through the process of designing, conducting, and presenting a research project. Learners will explore methodologies, data collection techniques, and how to analyze and communicate research results effectively.

🕒 60 MINS

BEGINNER

🔧 1.5 CPE / CPD CREDITS



Project Management Fundamentals

COURSE

Report Writing

Strong report writing is a key professional skill that drives business decisions, fosters clarity, and builds credibility. In this course, you'll learn how to plan, structure, and write reports that communicate clearly, persuade effectively, and support strategic goals across a range of business contexts.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS

COURSE

Research in Business

Research is a foundational skill in business, enabling data-driven decision-making that drives growth and competitive advantage. This course covers advanced research strategies, market and competitive analysis, and practical tools, empowering you to make informed, strategic business decisions.

🕒 90 MINS

INTERMEDIATE

🎯 1.5 CPE / CPD CREDITS

PROJECT

Helping a Tech Company with their Growth Initiative

In this project, you'll assist the Research and Development team of a multinational tech firm. You'll first review their research methods, before applying advanced techniques to perform market and competitive analysis.

🕒 45 MINS

BEGINNER

🎯 0.5 CPE / CPD CREDITS

COURSE

Project Integration

Strong integration ensures that all elements of a project stay aligned throughout the lifecycle. In this course, you'll learn how to apply integration thinking and use the Project Charter to lead projects that are coordinated, strategic, and successful.

🕒 60 MINS

BEGINNER

🎯 1 CPE / CPD CREDITS



Data Regulation

Explore Kubicle's Data Regulation Catalog



COURSE

International Data Regulations

Understanding international data regulations is essential in today's global digital economy, where privacy and compliance are core business risks. In this course, you'll explore major international data regulations, compliance strategies, cross-border challenges, and the ethical implications of emerging technologies to protect personal data and strengthen trust.

🕒 60 MINS

BEGINNER

🔒 1 CPE / CPD CREDITS

COURSE

Introduction to GDPR

Gain a foundational understanding of the General Data Protection Regulation (GDPR), a cornerstone of modern data privacy law. This course delves into its importance, guiding principles, and its practical application, equipping learners to navigate and implement GDPR requirements effectively.

🕒 60 MINS

BEGINNER

🔒 1 CPE / CPD CREDITS



SharePoint

Explore Kubicle's SharePoint Catalog



COURSE

Getting Started with SharePoint

This introductory SharePoint course covers everything from navigating the interface and creating team sites to managing document libraries, using SharePoint Lists, and integrating with Microsoft Teams.

90 MINS

BEGINNER

1.5 CPE / CPD CREDITS



Microsoft Teams

Explore Kubicle's Microsoft Teams Catalog



COURSE

Getting Started with Microsoft Teams

This course provides a comprehensive introduction to Microsoft Teams, walking you through its core features, best practices, and advanced tools for managing communication, tasks, and meetings. By the end of the course, you'll be equipped to use Teams effectively for collaboration, task tracking, and organizing your work environment.

 **60 MINS**

BEGINNER

 **1.5 CPE / CPD CREDITS**