Power BI Advanced Visualisation Techniques

Duration: 5 Days

Language: en

Course Code: PI1-111

Objective

Upon completion of this course, participants will be able to:

- Understand the most important visuals in Power BI.
- Create effective visuals for the right target audience.
- Use simpler methods to gain a deeper insight into Power BI.
- Increase your knowledge of dashboards and learn how to make them more effective.
- Ensure your reports are up to date and available online with any stakeholders.
- Develop action plans based on Power BI visuals.
- Understand when statistics point to solutions.
- Change your Power BI data to reflect your current department.

- Add and remove necessary information to make the most strategic and productive decisions.
- Use Power BI as evidence to back up your performance and future requirements to aid development.

Audience

This course is designed for anyone who owns a business or manages operations and would like a clearer and more straightforward way to view and present their statistics. It would be most beneficial for:

- Business Analysts
- Market Researchers
- Statisticians
- Database Administrators
- Economists
- Actuaries
- Software Engineers
- Data Scientists
- Business Owners
- Operation Managers

Training Methodology

This course uses a variety of adult learning styles to aid comprehension and understanding. Participants will review presentations based on what 'good' looks like on Power BI. They will take practical learning sessions regarding Power BI linked and work in group discussions to determine the best use of data within their own organisations.
Course leaders with Power BI experience will discuss positive and negative real-world case studies to understand the subject better.

Summary

Data is massively important within any business. But getting the right data and visualising your action plan from what it tells you is easier said than done. Many business-related tools

are overly complicated; however, Power BI has been noted as one of the most flexible and customisable platforms for data display, helping you picture the way forward.

Microsoft Power BI is a business intelligence platform for advanced visualisation. It aids businesses by providing a tool for analytics visualisation. It is well known for helping non-tech-savvy individuals make data look and feel easy and dependable. Businesses often use Power BI to display information to partners and stakeholders to secure funding. Power BI is ideal for envisioning your future, backing up your strategic action plans, and making rational decisions.

To fully utilise Power BI and its benefits, you'll need to understand how to connect it to your data sources, discover which data is most valuable, and create an easy visual format to manipulate the data and fully show your statistics.

Course Content & Outline

Section 1: Welcome To Power BI

- Why are we using visualising?
- Navigating the desktop interface and downloading for Power BI.
- Importing my data to Power BI.
- Understanding how to use the Power Query user interface.
- Learning how to transform data with Power Query.
- Tips to successfully visualise statistics.

Section2 : Data Basics

- What you need to know about data wrangling.
- Power Query and 'mash-up'(M) language.
- Data models, dimensions, data, and facts.
- Modern visualisation in Power BI examples.

Section 3 : Formatting Charts & Visuals

- How to properly format Power BI charts.
- Adding a new chart to our Canvass.
- Sorting our visuals.
- Filtering a page and using slicers.
- Learning to control visual interactions on Canvass.

Section 4: Data Analysis Expressions (DAX)

- Introducing you to DAX.
- Expressing the significance of the functions of aggregation.
- Using Intelligent time functions to create running sums.

- What are the functions of parent-child hierarchies?
- Other functions of Power BI.

Section 5: Measures In Power BI

- Measuring in Power BI.
- Prerequisites for working on measures.
- Using measures with reports.
- Measuring with slicer in Power BI.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.
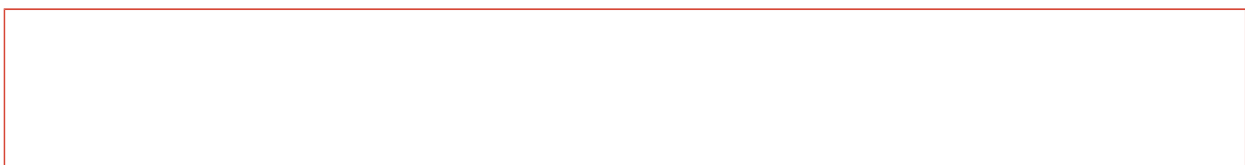
Categories

IT & Computer Application, Technology, AI, Data and Visualisation

Tags

IT, technology, Power BI, Visualisation, Data Analysis Expressions, DAX

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