Microsoft Power BI
Public Courses
at citizenM London SE1 0NZ

We have successfully run many on-site Power BI courses for clients, teaching them how they can extract, analyse and visualise large amounts of data with Microsoft's cloud based Power BI. We are delighted to offer regular public courses in Power BI in the excellent citizenM facilities, just a short step from the City of London. See http://www.burningsuit.co.uk/power-bi-training-course for available dates.

The course covers the essential skills in Power BI, **Extracting, Transforming and Loading data** into the Data Model, then **Visualising** it with a rich set of Graphics, Charts and **Dashboards**, these can then be **shared** with colleagues or others with the Power BI service and in many other ways. We also cover **Power Pivot** in Excel and how that can feed data to Power BI and be combined in Dashboards and Visualisations. You can see the full course content overleaf, or download the course details from our website.

Prerequisites

We provide **everything necessary** for the Training Course, a **full specification laptop**, preloaded with **Power BI Desktop**, **Office 2016** and **Training Data**. Attendees should have a knowledge of Excel, and familiarity with Excel Functions like **SUMIFS** and **VLOOKUP**. People with Database, Programming or other BI experience will be qualified for the course even if they don't have Excel experience.

Course Cost

This course is available for **£ 650.00 (Excl VAT) per person for the two days**. Lunch and morning and afternoon tea or coffee are included in the cost, and you'll also get our **Quick Reference Guides to Power BI**, and a **USB drive with all the Training data**, and worked examples from the course. The course is limited to a **maximum of ten** attendees, so you'll always get **individual attention** from the **two Trainers** running the course.

Course Venue

The course is run at **citizenM, 20 Lavington Street, London SE1 0NZ**. They have excellent facilities with a stylish comfortable set of Training rooms and fast free WiFi. The rooms are located close to **London Bridge Station**, and a short walk from the **City of London**. citizenM is also an Hotel and you can book accommodation, if you require it, direct with them. The Course **starts at 9:30am and finishes at around 4:00pm each day**.

What past attendees have said...

"We covered in 2 days what would have taken a week or more for us to glean for ourselves. If you need comprehensive Power BI training, then look no further".

"I've attended numerous system training courses and while about a third of the content of most is of use – **yours was pure gold from start to finish!** I left feeling ready to tackle Power BI and with enough knowledge to explore it with confidence. Thanks again."

Register at www.burningsuit.co.uk/power-bi-training-course

Email info@burningsuit.co.uk

Telephone 0800 0199 746

Microsoft Power BI Service, course content:

What is Microsoft Power BI?
Understanding the Power BI environment.
Creating a Microsoft Power BI Account.
Installing Power BI Desktop.

Exploring Power BI Desktop
Working with the Fields and Visualisations Panes.
Using Report View to create visualisation.
Using Data View to sort and format data.

Understanding Data Sources in Power BI Desktop
Importing a variety of data sources into Power BI Desktop.
Connecting to Excel Workbooks, Access Databases, CSV files and other data locations.

Creating a Data Model in Power BI Desktop
Understanding the Data Model.
Using Relationships View.
Creating Many-to-One relationships.
Understanding Filter Propagation.

Visualisations Workshop using Power BI Desktop
Adding visualisations to the Report Canvas.
Understanding and controlling interactions between visualisations.
Using Drill Down and Drill Through on visualisations
Creating and using Hierarchies.
Importing Custom Visualisations.
(Course attendees can practise creating and designing a variety of the many interactive visualisations available in Power BI).

Introduction to DAX in Power BI Desktop
Exploring the importance of custom calculations within the Data Model.
Creating Calculated Columns & Measures.
Understanding Evaluation Context.
Using CountRows and DistinctCount Functions.
Advanced DAX functions: SUMX and CALCULATE.
Time Intelligence Functions.

Using Queries in Power BI Desktop
Understanding the role of Queries in data import.
Understanding Extract, Transform & Load (ETL).
Exploring a variety of data transformations.
Working with Applied Steps.
Creating and using Query Parameters.

Publishing to Power BI Service
Publish your Report to PowerBI.com.
Creating Dashboards.
Using Quick Insights.
Using Q & A for interactive data searching.

Importing Data into Power BI Service
Connecting to a variety of cloud based data sources including OneDrive, Google Analytics, SQL Database, Azure and Web sites.

Using Excel's Power Pivot Data Model in Power BI Service
Using Excel, import data from a variety of sources into Power Pivot.
Creating a Power Pivot Data Model in Excel.
Importing a Power Pivot Data Model into Power BI Service.
Creating a variety of visualisations in Power BI Service using Power Pivot data.

Sharing Your Dashboards & Content Packs
How to Share your Interactive Power BI Dashboards with people both inside and outside your organisation.
Sharing using Power BI, Web, PowerPoint and others.
Creating and Managing Content Packs.

Data Refresh
Manually refreshing data.
Installing and using Personal Gateway.
Installing and using the Enterprise Gateway. Creating a Scheduled Refresh.

Using Power BI on Mobile Devices
Understanding the mobile clients.
Tablet clients, Windows 10, IPad and Android.
Differences between Iphone, IPad and Android clients.