



Power BI Fundamentals for Government

TRAINING

Harness the power of your data



Facilitated by
NICKY BULL
Corporate Consultant
Blue Chameleon

Online → 26 & 27 November 2024



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Overview

Microsoft Power BI is a suite of business intelligence (BI) services that allows business users to perform sophisticated data analysis turning data into actionable insights. In this course we will introduce the Power BI Desktop program and use it to fetch data from a variety of sources and then visually present our analysis in an interactive report. We then publish the report to the online service where we create a dashboard and look at how we use both to derive business insights.

If you have a keen interest in Data and want to find ways of automating the processes of collecting, cleaning and visualising it, this is the course for you! Join us for a fun, in-depth and practical hands-on introduction to self-service Business Intelligence.

Why Attend

- Extract insights from data for more informed and data-driven decision-making
- Present complex data in a comprehensible manner, making it easier to communicate findings and trends
- Develop centralised data reporting methods and easily share information across your organisation
- Automate data-related processes, saving time and resources for other essential tasks

Learning Objectives

- Learn how to use Power Query to automate the process of getting and transforming data from a range of sources
- Understand the basic concepts of data modelling
- Discover the DAX language for data enrichment
- Create fantastic Power BI visuals and present data with style
- Understand the difference between Reports and Dashboards and how to use them in the Power BI Service

Who Should Attend

- Excel Users who create Reports
- Data and Business Analysts
- Local Data Gurus
- All Corners of Gov - Federal, State & Local

Meet the Trainer



NICKY BULL

Corporate Consultant
Blue Chameleon

Nicky Bull is a dynamic corporate trainer and consultant. She has 15 years of commercial experience as a computer programmer and analyst, and over ten years designing and delivering a range of educational programs. She lectures accounting students at Macquarie University and creator of the highly acclaimed Excel for Data Analytics Specialisation on the Coursera platform.

Nicky is passionate about learning and enabling people to use technology confidently and effectively in their workplace. She holds a BSc Hons in Computer Science, a BA in English Literature, and a Postgraduate Certificate in Education.

What your peers are saying about PSN's Power BI courses

“The course included simple tips and tricks that will make it easier for me to build reports more efficiently and without errors.”

“It covered a lot of territory in a short time but was exactly at the level I needed.”

“The presenter allowed plenty of time for questions and ensured people kept up.”

“Nicky Bull was an excellent trainer who explained the course material well.”

“Good theory and application.”

Preparation

This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you face in your organisation.

To participate you'll need:

- A computer with camera and microphone
- Attendees must have the (free) Power BI Desktop app installed
- Strong internet connection
- Quiet, well-lit space
- Current process, automation and services challenges that you face



*Group Discounts Available - Contact Registration at training@publicsector.academy or Call on **(02) 9057 9070**

Explore the Agenda

DAY 1 | Tuesday, 26 November 2024, 01:00pm - 4:30pm AEDT

1:00 pm Welcome and Opening Remarks

1:05 pm Getting Started with Power BI Desktop

- What is Power BI
- Power BI Licensing
- Overview of Power BI Desktop

1:40 pm Use Power Query to Get and Transform Data

- Data Connection Options
- Get Data from Excel
- Introduction to Power Query
- Get Data from a Folder

2:15 pm Work with the Data Model

- Understand Relationships
- Add and manage Relationships

2:40 pm Break

3:10 pm Introduction to Data Analysis Expressions (DAX)

- Use DAX to create Calculated Columns
- Use DAX to Create Simple Measures

3:30 pm Design and Create a Power BI Report

- Set Page and Canvas Settings
- Add Images
- Change and Customise Themes
- Add and Manage Pages

4:00 pm Add and Customise Common Visualisations

- Add Map, Treemap & Card Visuals
- Work with Tables & Matrixes
- Add Line and Column Charts

4:20pm Reflections and closing remarks

4:30pm End of day 1

DAY 2 | Wednesday, 27 November 2024, 01:00pm - 4:30pm AEDT

1:00 pm Welcome and Recap

1:05 pm Work with Visualisations

- Work with Tool Tips and Cross Filters
- Focus Mode and Spotlight
- Sort and Drill Down
- Customise Visuals

1:40 pm Add Multiple Pages and Custom Visuals

- Rename, Add and Duplicate Pages
- Add Custom Visuals

2:15 pm Filter Visuals, Pages and Report

- Use the Filters Pane
- Work with Slicers

2:40 pm Break

3:10 pm Publish and Work with Reports in the Power BI Service

- Publish to the Power BI Service
- Workspaces & Sharing Options
- Subscribe and Comment
- Spotlight and Bookmark
- Export Data from a Report

3:30 pm Create and Work with Dashboards in the Power BI Service

- Report vs Dashboard
- Create a Power BI Dashboard
- Work with Tiles and Q&A
- Customise for Mobile View

4:00 pm Install Apps and work with Power BI Mobile

- How to find shared Reports
- How to find Apps
- Power BI for Mobile

4:20pm Reflections and final questions

4:30pm End of Day 2



Get In Contact

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