Power BI Intermediate for Government

TRAINING

Harness the power of your data

Facilitated by
NICKY BULL
Corporate Consultant
Blue Chameleon

Online → 19 & 26 March 2024

Overview

Power BI allows business users to perform sophisticated data analysis, turning data into actionable insights. In this course we take a deeper dive into the Power BI Desktop program looking at practical solutions for cleaning, transforming, and analysing data as well as some great features for creating effective and secure reports, dashboards, and apps.

The Power BI Intermediate training is designed for professionals who have a basic understanding of Power BI but are looking to expand their skills and gain deeper insights into their data. The training covers advanced data modeling techniques, empowering attendees to optimise the performance and accuracy of their data.

The course also covers the use of DAX functions and calculations for complex data analysis, allowing attendees to uncover valuable insights and trends in their data. In addition, attendees will learn how to create interactive and visually appealing dashboards and reports with Power BI's robust visualisation tools, helping them to effectively communicate their findings to stakeholders.

With the skills gained from this training, attendees will be able to take their data analysis to the next level, making informed decisions and driving success for their departments and agencies.

Who Should Attend

- Data Analysts
- Business Intelligence Specialists
- Power BI Report Creators
- IT professionals

Learning Objectives

- Advanced data modeling techniques for optimising performance and data accuracy
- Develop an understanding of DAX functions for more complex data analysis
- Creation of sophisticated interactive reports including some of Power BI's newest visualisation tools

Why Attend

- Become more proficient in analysing data, which is essential for evidence-based decision-making and policy development
- Create interactive and informative reports and dashboards that facilitate better decision-making
- More cost-efficient government operations, making it a valuable skill for government employees and leaders
- Create transparent and easily understandable reports and dashboards
- Make work more efficient, allowing you to focus on strategic tasks and priorities

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.

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 a recent version of Power BI Desktop installed
- Strong internet connection
- Quiet, well-lit space
- Current process, automation and services challenges that you face

Register Early & Save

Extra Early Bird	Early Bird	Standard Price
Register by 12th Jan	Register by 9th Feb	Register by 18th Mar
$795 + GST	$995 + GST	$1,195 + GST
Save $400	Save $200	-

CLICK HERE TO REGISTER

*Group Discounts Available - Contact Registration at

registrations@publicsectornetwork.co or Call on **(02) 9057 9070**

Explore the Agenda

DAY 1 | 19 March 2024, 09:00am - 12:30pm AEDT

9:00am — **Welcome and Opening Remarks**

9:15am — **Working with Power Query**
- Common Transformations
- Introduction to the M Language
- Merge and Append Queries
- Fuzzy Matching

9:50am — **Advanced Transformations**
- Add Columns
- Unpivot and Group
- Data Profiling

10:40am — **Break**

11:00am — **Advanced Data Modelling**
- Concepts & Best Practice
- Relationships and Cardinality
- Advanced Modeling Techniques

11:30am — **Data Analysis Expressions**
- Calculated Tables and Columns
- Filter vs Row Context
- Create and Organise Simple Measures

11:50am — **Solving Problems with DAX**
- Quick Measures
- The CALCULATE function
- Time Intelligence Functions
- CALCULATE with Filter Modifiers

12:20pm — **Reflections and closing remarks**

12:30pm — **End of day 1**

DAY 2 | 26 March 2024, 09:00am - 12:30pm AEDT

9:00am — **Welcome and Recap**

9:05am — **Data Enhancements for Visualisations**
- Geospatial Visuals
- Custom Sort Orders
- Hierarchies and Drill Downs

9:40am — **Specialised Visualisations**
- KPIs and Gauges
- Combo Charts
- Small Multiples & Sparklines
- Custom Visuals
- AI Visuals

10:15am — **Interactive Filter Options**
- Edit Interactions for Cross Filter
- Synchronise Slicers
- Create Drill Throughs

10:40am — **Break**

11:10am — **Advanced Report Techniques**
- Add Conditional Formatting
- Create Custom Tool Tips
- Add Navigation & Buttons
- Work with Bookmarks

11:30am — **Report Enhancements**
- Use the Performance Analyser
- Add Row Level Security

12:00pm — **Working In the Power BI Service**
- Workspaces and Sharing Options
- Create a Dashboard
- Create a Workspace App
- Managing Workspace Apps

12:20pm — **Reflections and final questions**

12:30pm — **End of Day 2**

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