Data Management and Analytics

Power BI Intermediate for Government

TRAINING

Take your Power BI skills to the next level and master data analysis with advanced techniques and insightful visualizations.

Facilitated by
MICHAEL SCHOLTZ

Online → 23 - 25 May 2023

PUBLIC SECTOR NETWORK

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Power BI Intermediate for Government Overview

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 optimize 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 visualization 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 drive success for their departments and agencies.

Not Just a Training Session

- Advanced data modeling techniques for optimizing performance and data accuracy.

- Mastery of advanced calculations and DAX functions for complex data analysis.

- Creation of interactive and visually appealing dashboards and reports with Power BI's robust visualization tools.

Who Attends

- Business Intelligence and Data Analysts: This group of professionals is responsible for transforming large amounts of data into meaningful insights and visualizations. They use Power BI to create reports, dashboards, and other data-driven products to help organizations make informed decisions.

- Power BI Report Creators and Users: This group includes individuals who are responsible for creating and using Power BI reports in their day-to-day work. This training is ideal for those who want to expand their skills and create more advanced reports with additional functionality.

- Decision Makers: This group includes individuals who use the information generated by Power BI to make informed decisions. This training will help these individuals understand the data analysis techniques used in Power BI and how to extract the most valuable insights from the reports and dashboards.

Meet the **Trainer**

MICHAEL SCHOLTZ

Hi, I'm Michael Scholtz the owner and founder of RoninSights and I love Power BI! This unique and robust product is my primary tool in bringing data driven professionals closer to their data; in turn helping them make better data driven decisions. With over a decade of analytical experience, I have created reports across multiple industries spanning from USA, Europe and APAC and now I want to share these skills and Power BI knowledge with you.

I realised that data driven insights might not always apparent to the business, that stakeholders who have the most to gain are not always capable or willing to do the analysis themselves and that those who have the most to gain, might be resistant to changing the status quo.

Turning data into meaningful and impactful insights, enabled me to improve customer experience, grow revenue channels, reduce waste, save time, improve staff/customer retention rates and change the mindset of an entire organisation.

Business Analytics, Content Marketing, Social Media Marketing, Digital Marketing, Lead Generation, Email Marketing

RonInsights

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

Download the latest Power BI Desktop

DOWNLOAD HERE

Register Early & Save

Extra Early Bird	Early Bird	Standard Price
Register by 24 March	Register by 14 April	Register by 22 May
$795 + GST	$995 + GST	$1195 + 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

1:00pm   **PSN Welcome**

1:10pm   **Bringing data into Power BI**
- Bringing the datasets into Power BI
- Preview and discuss the dataset
- Three separate datasets to create the big picture

1:25pm   **Creating DIM_DATES and Fiscal DIM_DATES from front and back end**
- Create a dataset to provide "perfect' dates from DAX code on the back end
- Expanding on datapoints to enrich your dataset

1:40pm   **Creating relationships**
- Bring your uploaded datasets together by creating relationships
- Manual vs auto relationships
- 1 to * vs * to * vs 1 to 1
- Relationships structure, filtering directions

2:00pm   **Unique ways of creating a report look and feel**
- Choosing a design template for your project
- Modifying templates
- Basic design elements
- Designing and importing custom layouts

2:15pm   **Break**

2:30pm   **Simple DAX**
- Count, sum, averages
- Measures within measures

2:50pm   **Dax intermediate**
- Calculate and time intelligence formula's
- Using Quick Measures
- Using saved DAX formula's
- Creating switches to toggle between formula's

3:15pm   **Grouping, merging tables and calculations for data transformation**
- Cloning datasets to transforming and extract valuable insights

3:30pm   **End of Day 1**

Explore the Agenda

1:00pm   **PSN Welcome to Day 2**

1:10pm   **M language for transforming data**
- Brief run through M language for calculated columns

1:30pm   **Creating and importing visuals**
- Designing our course material
- Five pages to visualise unique elements of the course data
- Discuss multiple visuals
- Text, pie, line, bar, stacked, maps, tables, call outs, scatter charts and many more
- Import new visuals from market place

2:00pm   **Lay out concepts**
- What to thinking about, what to add and when to hold back

2:15pm   **Break**

2:30pm   **Embracing bookmarks to create something unique**
- Bookmarks are more than bookmarks
- Hiding elements, change visuals and navigate pages

3:00pm   **Implementing page indexing**
- Simple and advanced page indexing

3:15pm   **Pushing visuals further**
- Using visuals to enrich your dataset and provide further analytics

3:30pm   **End of Day 2**

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1:00pm — **PSN Welcome to Day 3**

1:10pm — **Implementing page indexing**
- Simple and advanced page indexing

1:30pm — **Publishing**
- Publishing reports
- Quick insights
- Sharing
- Security

1:50pm — **Creating a dashboard**
- Using our reports to create a dashboard

2:10pm — **What can be done online**
- Create a mobile friendly report

2:30m — **Break**

2:45pm — **Creating a simple App**
- Completing the course by turning out report into a App

3:00pm — **Breakout Group Activity:**
Demonstrating new skills in personal project

3:45pm — **Summary and Closing Remarks**

4:00pm — **Signing off**

CONNECTING GOVERNMENT
WWW.PUBLICSECTORNETWORK.CO

AUSTRALIA / NEW ZEALAND

P +61 2 9057 9070
E info@publicsectornetwork.co

USA / CANADA

P +1 (647) 969 4509
E contact@publicsectornetwork.co

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