



Data Management and Analytics

# Power BI for Government - Intermediate

TRAINING

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



Facilitated by  
LUDOVIC BOCKEN

Online → September 22 & 29, 2023



PUBLIC  
SECTOR  
NETWORK



## Power BI for Government – Intermediate

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**

- **Build your own Power BI report and develop a comprehensive hands on understanding of the software.**
- **Discover the fundamentals around creating and editing reports and dashboards**
- **Harnessing the POWER of Power BI Desktop. Create fantastic Power BI visuals and present data with style.**

## Who **Attends**

- **Excel Users (time to step up)**
- **Anyone who uses data**
- **Beginner Level Data Management and Analytics Community**
- **Local Data Gurus**
- **All Corners of Gov - State, Federal & Local**

## Meet the Trainer



LUDOVIC BOCKEN

Meet **Ludovic Bocken**, a visionary researcher and developer who has been driven by the deep desire to innovate in our knowledge society for the last 30 years. Trained in philosophy, linguistics, didactics, cognitive computing, artificial intelligence and natural language processing, his passion for designing solutions that serve the public interest has led him to deep dive into research about Wikipedia for which he received several scholarships. Previously, he taught French communication to managers, professional communication, methodologies, and project management for economics students in public relations and business computer science. He developed data-driven e-learning solutions for higher education and universities, as well as working in research and development for the IT industry and several public companies as a data scientist, a machine learning engineer, and a client engineering lead. Today, Ludovic's focus lies on project management and digital leadership models to design the best solution architectures for cognitive cloud computing. With a life that has taken him across three continents - Africa, Europe, and America - Ludovic's diverse background is reflected in his genetics, with ancestors from all over the world. His thirst for adventure and challenge is evident in his goal of completing his first sprint triathlon before turning 50. But Ludovic's biggest dream is to direct a science fiction movie as good as "The Matrix." With his wealth of experience and knowledge, Ludovic is proud to share his expertise with public sector professionals, making him a valuable asset to anyone looking to shape the future.

## 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
- Strong internet connection
- Quiet, well-lit space
- Current process, automation and services challenges that you face

## Registration

Extra Early Bird	Early Bird	Standard Price
Register by June 30, 2023	Register by July 31, 2023	
<b>\$595 USD</b>	<b>\$750 USD</b>	<b>\$895 USD</b>

**CLICK HERE TO REGISTER** 

Additional discounts are available for group registrations of 10 or more.

For group discount inquiries, payment inquiries or custom training solutions please contact [register@publicsectornetwork.co](mailto:register@publicsectornetwork.co)

# Explore the Agenda

DAY 1 | Friday, September 22, 2023, 1:00pm - 4:00pm (ET)

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<b>1:00pm</b>	<b>PSN Welcome</b>
<b>1:10pm</b>	<b>Creating relationships</b>
<b>1:40pm</b>	<b>Relationships, structure, filtering directions</b>
<b>1:50pm</b>	<b>Unique ways of creating a report look and feel</b>
<b>2:00pm</b>	<b>Choosing a design template</b>
<b>2:15pm</b>	<b>Break</b>
<b>2:30pm</b>	<b>Simple DAX (Count, Sum, averages and measures within measures etc.)</b>
<b>3:00pm</b>	<b>Dax Intermediate (Calculate and time intelligence formula's)</b>
<b>3:25pm</b>	<b>Creating DIM_DATES and Fiscal DIM_DATES from front and back end</b> <b>M Language for Transforming Data</b> <b>Creating Visuals and importing Visuals</b> <b>Lay Out Concepts</b> <b>Embracing Bookmarks to create something unique</b>
<b>3:50pm</b>	<b>Q&amp;A + Sign off for the day</b>

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DAY 2 | Friday, September 29, 2023, 1:00pm - 4:00pm (ET)

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<b>1:00pm</b>	<b>PSN Welcome to Day 2</b>
<b>1:10pm</b>	<b>Grouping, merging tables and calculations for data transformation</b>
<b>2:10pm</b>	<b>Transform - When to use "Transform" or the "Add Column" Tab</b> <ul style="list-style-type: none"><li>• Detect Data Types</li><li>• Replace Values</li><li>• Move Columns</li><li>• Format</li><li>• Merge or split columns</li><li>• Date / Time / Duration</li></ul>
<b>3:30pm</b>	<b>Bringing it all together, advanced features, publishing and sharing projects</b> <ul style="list-style-type: none"><li>• Clustering</li><li>• Grouping</li><li>• Using "Analytics" within Visuals</li><li>• "Get more visuals"</li><li>• Adding Buttons and Book marks</li><li>• Booked marked filters</li></ul>
<b>3:45pm</b>	<b>Demonstrate new skills in personal project, and show &amp; tell</b>
<b>3:55pm</b>	<b>Q&amp;A + Sign off for the day</b>

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