



# Power BI for the Business Analyst 1-Day and 2-Day Live Training Courses

Developed by Matt Allington (Microsoft® MVP - Power BI)

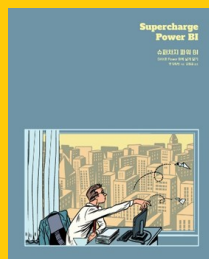
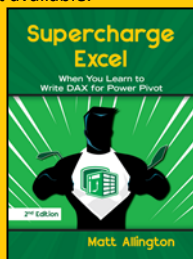
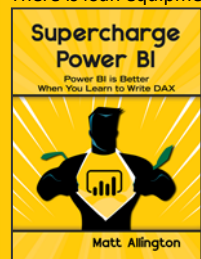
This training course was designed and developed by Matt Allington, Microsoft® MVP (Power BI) and author of the books *Supercharge Power BI* and *Supercharge Excel*. Matt has an innate ability to make even complex things easy to understand and this comes out in the quality of the training content. There are 3 professional trainers at Excelerator BI that are certified to deliver this course. The actual trainer will vary depending on circumstances. All trainers are competent in delivering the material.



**MVP** Microsoft® Most Valuable Professional

Training is conducted at a central location in your capital city. During the training you will be guided through hands on exercises using your own laptop\*.

\* Contact Matt to discuss options if you don't have a laptop you can bring along. There is loan equipment available.



## Training Locations and Dates

Sydney: Check the website

Melbourne: <http://xbi.com.au>

Brisbane: for the upcoming

Adelaide: training dates.

Other

Locations:

Contact Matt Allington



**Day 1 - Data to Dashboard Using Power BI (6.5 CPD hours)**

Focuses on teaching business users on how to use Power BI Desktop to create reports, how to create dashboards in PowerBI.com, and how to share reports and dashboards.

8:45	Check-in, get settled, download training files
9:00	<b>Introductions</b> <ul style="list-style-type: none"> <li>• Overview of Power BI, Power Pivot and Power Query</li> </ul>
9:30	<b>Building Visuals with Power BI</b> <ul style="list-style-type: none"> <li>• Building Visuals, Drill Through, Cross Filter</li> <li>• Inbuilt Date Hierarchies</li> <li>• Analytics</li> <li>• Bookmarks, Buttons</li> </ul>
10:30	1st Break
10:45	<b>Power BI Visuals (Continued)</b> <ul style="list-style-type: none"> <li>• Formatting / Conditional formatting</li> <li>• Top N filtering</li> <li>• Drill through reports, Tool Tips</li> <li>• Mobile phone configuration</li> </ul>
12:00	Lunch
1:00 2:00	<b>Power BI Visuals (Continued)</b> <b>Power BI Service</b> <ul style="list-style-type: none"> <li>• Creating Workspaces and Apps</li> <li>• Sharing Reports and Dashboards</li> <li>• Q&amp;A / Quick Insights/ Analyze in Excel</li> </ul>
3:15	2nd Break
3:30	<b>Power Query</b> <ul style="list-style-type: none"> <li>• When to use it and why</li> <li>• Built-in transformations</li> <li>• The “M” language</li> <li>• Using Power Query to solve real world problems</li> </ul>
5:00	End of Day One

**DAY ONE**



**DAY TWO**

<b>Day 2 - Data Modelling with Power BI (6.5 CPD hours)</b>	
Dives deep into the more advanced concepts of data modelling for those users that want to build their own data models and analytics using their own data sources.	
8:50	Check-in
9:00	<b>Introduction to DAX</b> <ul style="list-style-type: none"> <li>• Loading Data</li> <li>• Data Modelling</li> <li>• Lookup Tables vs. Data Tables</li> <li>• Measures vs. Calculated Columns</li> <li>• Best practices, Writing DAX</li> </ul>
10:00	<b>New DAX Functions</b> <ul style="list-style-type: none"> <li>• COUNTROWS(), DISTINCTCOUNT(), DIVIDE()</li> </ul>
10:30	1st Break
10:45	<b>More Advanced DAX Functions</b> <ul style="list-style-type: none"> <li>• Formulas over multiple tables</li> <li>• CALCULATE() function and its uses</li> </ul>
12:00	Lunch
1:00	<b>More Advanced DAX Functions (cont.)</b> <ul style="list-style-type: none"> <li>• ALL() function</li> <li>• Introduction to Time Intelligence: Date/Calendar Tables</li> <li>• Running totals — Year to Date, Month to Date, Quarter to Date</li> <li>• Change versus Prior to Month/Year Etc.</li> <li>• FILTER() function</li> <li>• Counting things that didn't happen (e.g. Customers that haven't purchased)</li> </ul>
2:30	<b>Useful Power BI Capabilities using DAX</b> <ul style="list-style-type: none"> <li>• What If analysis</li> <li>• SWITCH() Function</li> </ul>
3:00	2nd Break
4:00	Open Discussion <ul style="list-style-type: none"> <li>• Discuss Your Specific Business Problems</li> <li>• General Q&amp;A</li> </ul>
5:00	End of Day Two

**Note:**  
On the 2<sup>nd</sup> day of the training, all participants will receive a copy of the book *Supercharge Power BI*. With this book you can continue your learning after the live training using the same familiar learning style covered in the course.

## More Class Information



### About the Training

In this **Power BI training course**, you will learn exactly what you need to know to start using the Power BI suite of tools even if you are not a programmer. You will then learn the more advanced concepts of data modelling using DAX (Data Analysis Expressions), the data modelling language of Power BI.

### 1-Day and 2-Day Courses

This course can be taken as a **2-day training course**, or as **independent 1-day training days**.

- **1-Day Data to Dashboard Using Power BI (6.5 CPD hours)**

**Day 1** is suitable for anyone that wants to understand the capabilities and uses of Power BI using data that someone else has prepared for you. (AUD \$874.50 Inc. GST for day 1 only).

- **1-Day Data Modelling with Power BI (6.5 CPD hours)**

**Day 2** is for those that want to build more complex and useful data models using their own data. Day 2 teaches the DAX language and data modelling. (AUD \$874.50 Inc. GST for day 2 only).

- **2-Day Power BI for the Business Analyst (13 CPD hours)**

You can take the training as a **2-day course**. This is what most people do. (AUD \$ 1,644.50 Inc. GST for 2 days).

### Register Online:

[xbi.com.au/training](http://xbi.com.au/training)

### Early Bird Special Offer:

**Book and pay 1 month in advance to save 10%**

### Bulk Discounts :

**Register and pay for 3 or more people at the same time to receive 10%+ disc.**

### Have a larger group of participants?

**Contact Matt to run this course at your company**