



# Power BI for the Business Analyst

## 1 and 2 Day Live Training Courses

### Meet Your Trainer

This training course was designed, developed and is taught by Matt Allington (Microsoft® MVP and author of the book **Supercharge Power BI**). Matt has an innate ability to make even complex things easy to understand. It is the quality of Matt's teaching style that has made his book the "must read first" among the data analyst community.



**MVP** Microsoft® Most Valuable Professional

## 2018 Training Dates

### Adelaide

Feb, Apr, Jun, Jul,  
Sep, Nov

### Melbourne

Feb, Mar, May, Jul,  
Sep, Nov

### Brisbane

Feb, Apr, Jun, Jul,  
Sep, Nov

### Sydney

Feb, Mar, May, Jul,  
Sep, Nov, Dec

### Perth/Hobart

Check Website

**Training is conducted using your own laptop\* at a central location in your capital city.**

\* Contact Matt to discuss options if you don't have a laptop you can bring along.

8:45	Check-in
9:00	<b>Introductions</b> <ul style="list-style-type: none"> <li>• Overview of Power BI, Power Pivot and Power Query</li> <li>• What is Data Modelling and why it matters</li> </ul>
9:30	<b>Power Pivot for Excel</b> <ul style="list-style-type: none"> <li>• Loading Data with Power Query</li> <li>• Data Tables vs. Lookup Tables</li> <li>• Relationships: the End of VLOOKUP</li> <li>• Best Practices</li> </ul>
10:30	1st Break
10:45	<b>Introduction to DAX</b> <ul style="list-style-type: none"> <li>• Measures vs. Calculated Columns</li> <li>• Best practices</li> </ul> <b>Introduction to 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</li> </ul>
12:00	Lunch
1:00	<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</li> <li>• Mobile phone configuration</li> </ul>
2:00	2nd Break
2:45	<b>Power BI Service</b> <ul style="list-style-type: none"> <li>• Creating Workspaces</li> <li>• Sharing reports and Dashboards</li> <li>• Q&amp;A / Quick Insights</li> <li>• Analyze in Excel</li> </ul>
4:00	<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**

## Optional Day 2

This is an optional second day for Data Analysts that want to build more useful data models using their own source data



8:45	Check-in
9:00	<b>The DAX Language</b> <ul style="list-style-type: none"> <li>• Warm Up Exercise</li> <li>• COUNTROWS(), DISTINCTCOUNT(), DIVIDE()</li> <li>• Formulas over multiple tables</li> <li>• CALCULATE function and its uses</li> </ul>
10:30	Break
10:45	<b>More Advanced DAX Functions</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>• Exercise to cement your learning</li> </ul>
12:30	Lunch
1:30	<b>Useful DAX Patterns</b> <ul style="list-style-type: none"> <li>• What If analysis</li> <li>• FILTER() function</li> <li>• SWITCH () Function</li> <li>• VAR Syntax</li> </ul>
2:30	Break
3:00	<b>Other Useful Concepts</b> <ul style="list-style-type: none"> <li>• Counting things that didn't happen (eg. Customers that haven't purchased)</li> <li>• Custom time intelligence</li> </ul>
4:00	Discuss your specific business problems, General Q&A
5:00	End of Day Two

**DAY TWO**

## More Class Information



All students will receive a copy of Matt's book *Supercharge Power BI*.

The book and the training course use the same easy to follow learning style and hence it is easy for students to continue their journey after the completion of the live training course.

## Prerequisites

### Recommended Experience

- Experience using Excel Pivot Tables
- Familiarity with Excel functions like SUMIF & VLOOKUP

Note: Anyone with Database, BI, Programming, or similar experience are quite qualified to take this course, even if lacking in Excel experience.

## 1 Day and 2 Day Courses

**Day 1** of this training course can be taken as a stand alone introduction to Power BI. Day 1 is suitable for anyone that wants to understand the capabilities and use of Power BI. **(\$795 + GST for day 1 only)**

**Day 2** is a more advanced day for those that want to build more complex (but more useful) data models using the DAX language. **(\$1,495 +GST for 2 days)**

**Register Now  
Only**

**\$1,495**

**Plus GST (2 days)**

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

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***Have several  
participants?***

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