MICROSOFT POWER BI
INTERMEDIATE

Build more complex data models from a variety of sources, create complex measures and columns and share these reports in variety of ways through Power BI Service.

ODYSSEY TRAINING™

An **SGS** Company

1 DAY

Prerequisites

Participants should have a full understanding of the topics covered in the Power BI Introduction course, as this course builds on those foundation topics. A working knowledge of Excel functions, graph building, PowerPivot and Pivot tables is an advantage, but not necessary.

Expected outcomes

- Pull data from a variety of sources
- Transform a poorly formed data source into a clean source.
- Create a variety of more advanced visuals, including maps.
- Use a variety of DAX functions to create more complex measures, columns and tables.
- Determine the right method of data refresh for a data source.
- Share via Power BI workspace apps.

Import from various data sources
- web data
- SharePoint data
- SQL server database
- manual data refresh

Query editor transformations
- promoting headers
- removing rows from tables
- creating columns
- filtering data
- filling null area with values
- replacing values
- parsing dates – year, qtr, month
- removing duplicates
- working with applied query steps

Calculated dates tables
- using CALENDARAUTO to create a date table
- DAX date functions
- FORMAT function
- CONCATENATE function

Advanced measures with DAX functions
- quick measures
- IF function and logical operators
- SWITCH function
- RELATED function
- SUMX AVERAGEX functions

More complex visualisations
- requirements for map visuals
- bubble map
- filled map
- conditional formatting
- insights
- visuals with Q & A
- analytics pane

Power BI Service workspaces
- sharing in Power BI service
- collaborate in workspaces
- creating an app workspace (updated workspaces)
- publishing to an app workspace
- create and publish an app
- sharing workspace apps
- embed in a SharePoint page

Please note that content and terminology may vary slightly between different software versions. We offer training in all of the latest software versions.

Who should attend
Anyone wanting to build compelling visual reports, who are looking to build on the basic understanding, and learn more about the DAX language to build more complex measures, columns and tables. It will also be good for users who need to pull data in from multiple sources, link and transform to make a clean data model.

Practical, relevant training developed for the Australian workplace.

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