

POWER BI – INTERMEDIATE



Corporate IT Course

COURSE OVERVIEW

This course takes your Power BI skills to the next level — from mastering data transformation in the Power Query Editor to writing powerful M language code. You'll explore advanced DAX measures with filtering and time intelligence to unlock deeper insights. Learn to design dynamic, interactive dashboards using a wide range of visualisations from Power BI Desktop and AppSource, and finish by implementing row-level security to protect your data. It's recommended that you've completed the **Power BI Intro** course, or have equivalent experience as a proficient Power BI user with a strong understanding of data analytics.

TOPICS COVERED IN THIS COURSE

LEARNING OUTCOMES

- Transform and clean data with advanced Power Query and M language techniques.
- Build powerful DAX measures and apply time intelligence to uncover deeper insights.
- Create dynamic, interactive dashboards with advanced visualisations and custom formatting.
- Compare variables, identify trends, and visualise data effectively for decision-making.
- Secure and share reports confidently using row-level security and Power BI Service.

Advanced Query Editing

Learn to split data by row delimiters, calculate deadlines using AddDays, and leverage the Advanced Query Editor for M language transformations.

Fuzzy Matching Joins

Handle inconsistent data with fuzzy matching, including matching by percentage and using transformation tables.

Logical Column Functions

Apply logical functions like IF, AND, OR, handle multiple conditions, and integrate functions like FIND for advanced column logic.

DAX Measures and Calculation Techniques

Simplify DAX with comments, quick measures, and improved readability while mastering the anatomy of CALCULATE and context filters.

Advanced DAX Functions

Use ALL measures for filtering and percentages, explore iterators like SUMX, and rank data dynamically with RANKX.

Time and Date Intelligence

Leverage DAX date and time functions, create DATEDIFF, DATEADD, and cumulative measures to compare historical trends and visualize cumulative totals.

Visualisations In-Depth

Enhance reports with themes, heatmaps, sparklines, histograms, and dynamic grouping. Compare variables with trendlines, scatter plots, dynamic labels, and customised tooltips.

User-Level Security

Implement row-level security in tables, test user access, and export secured reports to SharePoint.