

2 DAYS

POWER BI – ADVANCED



Corporate IT Course

LEARNING OUTCOMES

- Master advanced DAX and M language techniques to unlock deeper insights from your data.
- Transform, merge, pivot, and reshape datasets for dynamic, analysis-ready reporting.
- Build robust data models and schemas for efficient, scalable analytics.
- Automate workflows and connect to SQL Server, Azure, and R scripts for real-time insights.
- Apply time intelligence and create interactive dashboards that drive smarter business decisions.

COURSE OVERVIEW

In this two-day advanced course, you'll learn to extract, transform, and load data like a pro. Explore advanced Power Query techniques, connect seamlessly to APIs, data flows, and other sources, and use parameters to create dynamic, automated workflows. By the end of the course, you'll be able to build efficient datasets and design interactive, actionable reports that empower smarter business decisions.

TOPICS COVERED IN THIS COURSE

Advanced DAX Techniques

Master complex DAX formulas to perform sophisticated calculations and drive deeper insights.

Advanced Data Modelling

Design and optimize robust data models and schemas, leveraging the M language for advanced data transformations, efficient table relationships, and scalable analysis.

Power Query Mastery

Gain hands-on expertise in Power Query to clean, reshape, and transform raw data into structured, analysis-ready datasets that save time and reduce errors.

Data Aggregation and Merging

Pre-aggregate large datasets for faster reporting and merge multiple tables from diverse sources to create comprehensive, unified views of your data.

Pivoting and Reshaping Data

Use pivot, unpivot, and other data reshaping techniques to structure your data for dynamic reporting, visualizations, and interactive dashboards.

Workflow Automation

Streamline repetitive processes and enhance efficiency using Power Automate (Flow) or third-party tools to automate data refreshes, updates, and alerts.

Dynamic Data Connections

Establish real-time, dynamic connections to external sources such as SQL Server, Azure, and R scripts, ensuring your dashboards always reflect the most current information.

Time Intelligence Solutions

Overcome common time-based analysis challenges with techniques for creating accurate trend measures, cumulative calculations, and year-over-year comparisons.