

COURSE GLOSSARY

Introduction to Power BI

- **Power BI:** A Microsoft business intelligence tool for visualizing, analyzing, and sharing data.
- **Power BI Free / Pro / Premium:** The three main versions of Power BI, each with different features for sharing and scalability.
- **Report View:** The workspace in Power BI where users build and interact with data visualizations.
- **Data View:** The interface showing underlying data tables within a Power BI project.
- **Model (Relationship) View:** A workspace for managing relationships between datasets.
- **Dimension:** A descriptive attribute (e.g., date, product category) used for grouping or categorizing facts.
- **Fact:** A quantitative data point (e.g., sales, revenue) typically aggregated for analysis.
- **Relationship:** A defined link between two tables that allows for combined analysis.
- **Power Query:** A data connection and transformation tool in Power BI for cleaning, reshaping, and loading data.
- **M Code:** A scripting language used by Power Query to define transformations.
- **Data Category:** A metadata property in Power BI used to ensure fields are interpreted correctly (e.g., geographic data).
- **Hierarchy:** A structured arrangement of data levels (e.g., Year → Quarter → Month → Day) that allows for drill-down analysis.
- **Drill-down:** A feature that enables users to explore detailed levels of data within a visualization.
- **Interaction:** The way one visualization in a Power BI report influences another.
- **DAX (Data Analysis Expressions):** A formula language used in Power BI to create custom calculations and measures.
- **Calculated Column:** A new column added to a table using a DAX formula.
- **Calculated Table:** A new table created using a DAX expression.
- **Calculated Measure:** A reusable calculation defined using DAX, often aggregating values dynamically.
- **Quick Measure:** A pre-built DAX calculation created with minimal user input.
- **Calculate Function:** A powerful DAX function used to modify filter contexts for calculations.
- **Explicit Aggregation:** A user-defined aggregation in Power BI, such as SUM(Sales) or COUNT(Customers).
- **Dashboard:** A collection of visualizations and reports in Power BI Service designed for monitoring and sharing insights.
- **Power BI Service:** The online platform for publishing, sharing, and collaborating on Power BI reports.
- **Workspace:** A shared environment in Power BI Service where teams can collaborate on dashboards and reports.
- **Data Gateway:** A bridge that securely connects on-premises data sources to Power BI Service.
- **Deployment:** The process of publishing and managing Power BI reports and dashboards to users.