Power BI Essentials (TTDPB01) Training

Duration: **2 Day**

BILGINC IT Academy
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The **Power BI Essentials (TTDPB01)** course helps you confidently work with Power BI and create **accurate, interactive, and visually compelling reports**.

Power BI is a powerful business intelligence tool that transforms raw data into meaningful insights. This makes it an essential skill for professionals working in reporting, analytics, and data visualization. In this hands-on training, you will learn how to connect, clean, transform, and visualize data effectively.

This two-day foundational course covers **Power Query, data modeling, DAX basics, and dashboard creation**, guiding you step by step through core workflows.

Prerequisites

To ensure a smooth learning experience and maximize the benefits of attending this course, you should have the following prerequisite skills:

- A general knowledge of database concepts (fields, records, relationships)
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.

Familiarity with Excel would also be helpful.

Who Should Attend

- Business analysts
- Data professionals
- Report developers
- Anyone interested in data visualization and analytics

What You Will Learn

By the end of the course, you will be able to:

- Connect, clean, and transform data using Power Query Editor
- Build relationships between tables (1-1, 1-many, many-many)
- Create basic DAX calculations (measures, columns, tables)
- Design interactive reports using slicers, filters, and tooltips
- Publish reports to Power BI Service
- Manage workspaces and schedule refresh
- Apply best practices for performance and visualization

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Training Outline

Power BI Ecosystem

- What is Power BI?
- Power BI Desktop, Service, Query Editor

Data Preparation

- Power Query Editor
- Data transformation
- Data types and Applied Steps

Data Modeling

- Data models
- Relationships
- Basic DAX

Data Enhancement

- Hierarchies
- Hidden fields
- Metadata

Date Table

- Creating and using date tables

Reporting

- Visual design
- Formatting and themes
- Slicers and filters

Interactivity

- Tooltips
- Drill-through
- Visual interactions

Publishing

- Power BI Service
- Workspaces
- Dashboards
- Refresh schedules