POWER BI COURSE CONTENT

Module 1: Introduction to Power BI
- Business Intelligence
- Self Service Business Intelligence
- What is Power BI
- Why Power BI?
- Key Benefits of Power BI
- Flow of Power BI
- Components of Power BI
- Architecture of Power BI

Module 2: Power BI Desktop
- Overview of Power BI Desktop
- Data Sources in Power BI Desktop
- Connecting to a data Sources
- Query Editor in Power BI
- Clean and Transform your data with Query Editor
- Combining Data – Merging and Appending
- Views in Power BI Desktop
- Modelling Data
- Manage Data Relationship
- Cross Filter Direction
- Create calculated tables and measures
- Optimizing Data Models

Module 3: DAX (Data Analysis Expressions)
- Introduction to DAX
- Why is DAX important?
- DAX Syntax
- Data Types in DAX
- Calculation Types
- DAX Functions
- Measures in DAX
- DAX Operators
- DAX tables and filtering
- DAX queries

Module 4: Visuals in Power BI
- Introduction to visuals in Power BI
- Charts in Power BI
- Matrixes and tables
- Slicers
- Map Visualizations
- Gauges and Single Number Cards
- Modifying colors in charts and visuals
- Shapes, text boxes, and images
- What Are Custom Visuals?
- Page layout and formatting

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- KPI Visuals
- Z-Order

Module 5: Power BI Service
- Introduction to Power BI Service
- Dashboard vs. Reports
- Quick Insights in Power BI
- Creating Dashboards
- Configuring a Dashboard
- Power BI Q&A
- Ask questions of your data with natural language
- Power BI embedded

Module 6: Power BI Other Important features
- Introduction to using Excel data in Power BI
- Exploring live connections to data with Power BI
- Introduction to Power BI Development API
- Power BI Publisher for Excel
- Content packs
- Introducing Power BI Mobile
- Report Server Basics
- Web Portal
- Paginated Reports
- Row level Security
- Data Gateways
- Scheduled Refresh.

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