Power BI Syllabus

1. Getting Started with Power BI

The Power BI Architecture- ETL Process

Installing Power BI Desktop

2. Data Transformation with Power Query

Data cleaning techniques using Power Query

o Transforming and Combining Data pre-loading to Model

o Common Power Query tasks

· Unpivot

· Split Column

· Append Tables

· Merge Tables

· Remove rows

· Use first row as header

· Data types/Format

· Add Columns

· Group By

· Extract

· Fill

· Transpose

· Advanced Query for M code editing

3. Data Modelling in Power BI

Cardinality and Relationships

4. Introduction to DAX

Measures and Calculated Columns

Calculate, Count, SUM, IF etc.

Time intelligence in Power BI – Building the ultimate calendar table using DAX

5. Conditional Formatting in Power BI

Icon sets, color fill

6. Introduction to Power BI service

Row level Security, Subscriptions, Gateways, Scheduled Refresh

7. Building a professional Dashboard. End to End Power BI Project

Data visualization tips and tricks

Native Visuals

Custom Visuals

8. Power BI for presentation

Embedding Power BI reports in Power Point

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