

Power BI Intermediate – 2 Days

DAY 1

Text-Based Visualisations

Creating Tables

Creating a Matrix

Creating Cards

Charts in Power BI Desktop

Basic Chart Types: Line, Pie, Column, Bar

Other Chart Types: Donut, Funnel, Stacked Column and Bar, Scatter,

Drill Down

Power BI Reports Utilizing Power Query

Unpivoting exercise

Appending monthly data exercise

- Change type with locale
- Group By
- Handling errors

IF Statements in Power Query

Conditional Columns v Custom Columns

Creating a Data Model

Data Modelling in the Power BI Desktop

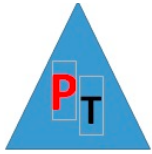
How Do We Decide Whether To make changes in the Data Model or Query

Extending the Data Model with Calculated Columns

String Expressions & Arithmetic Expressions

DAX Functions: RELATED, LOOKUPVALUE, DIVIDE, IF, etc.

Power Query Custom Columns versus Power BI Calculated Columns



DAY2

Adding Measures to the Data Model

Basic Aggregations in Measures: Sum, Count, Max, Min, Average, etc...

Cross-Table Measures

Advanced Aggregations: CALCULATE

Filtering Data in Measures: ALL, ALLEXCEPT, ALLSELECTED, FILTER

Analysing Data Over Time

Simple Date Calculations

Date & Time Formatting

Calculating Age and Difference

Date Tables

Time Intelligence DAX Functions:

TOTALMTD, TOTALQTD, TOTALYTD, PREVIOUSQUARTER, PREVIOUSMONTH, PREVIOUSYEAR, PARALLELPERIOD, DATEADD, DATEDIFF, DATESBETWEEN, etc

Data as a Ratio Over Time

Comparisons With Previous Periods

Rolling Aggregations

Other Power BI Features

Q&A

Key Influencers

Decomposition Trees

Smart Narrative

Row Level Security