

# Microsoft Power BI – Level 3



1 - Day

## PREREQUISITES

You should have a good working knowledge of Power BI or have completed our Power BI Level 1 & 2 course.

## LEARNING OBJECTIVES

- Understanding BI Data
- Creating Data Models
- Using DAX Functions
- Using Dates Correctly
- Shaping Reports

## COURSE CONTENT

### Understanding BI Data

- Business Intelligence Data Sources
- Data Source Types
- Table Roles

### DAX Functionality Review

- Review Of Calculated Column
- PivotTable Function
- Review Of Measure
- Rules Of DAX Measure
- Evaluation Context
- Formatting DAX Code

### Controlling Content & Values

- Controlling Values
- Error Handling

### Context Control Functions

- Filter Function
- All Function
- Earlier Function
- Calculate Function
- Additional Uses Of The All Function

### Contexts In Relationships

- Working With Many Tables
- Row Context & Relationships
- Filter Context & Relationships
- Values Function

### Advanced Concepts

- Circular Dependencies
- Controlling Totals
- Advanced Hierarchy Concept

### Time Intelligence Calculations

- Working With Date Tables
- Calculating Operating Periods
- Working With Missing Periods
- DAX Date Functions
- Advanced Date Functions
- Prior Year Functions
- Moving Averages

### DAX Dashboard Techniques

- Parameter Tables
- Banding
- Ranking
- Advanced Slicer Techniques



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