

# Course Outline

## Power Query

- Normalise tables with Power Query
- Understand Basic M Language
- Explore Group By Features
- Create Dynamic Query with Parameter

## Power Pivot

- Formulate Calculated Columns and Measures
- Difference between Implicit and Explicit Measures
- Work with Date/Calendar Table
- Must Know DAX Functions:
  - Understanding Expression
  - Calculate, Filter
  - CountRows, DistinctCount
  - X Functions : Sumx, Averagex, Countx
  - All, AllExcept, AllSelected
  - Error Handling

## Create Time Intelligence Dax for Data Analysis:

- PreviousYear & NextYear
- DateYTD & TotalYTD
- FirstDate & LastDate
- DatesBetween
- Closing/OpeningBalance
- DateAdd
- ParallelPeriod

## Apply Power Pivot Useful Tools:

- Named Sets
- Hide from Client Tools & Perspectives
- Hierarchies

## Understand CUBE functions

# Pre-requisite & Methodology

This course is suitable for those who have attended @ASK "Introduction to Power Query, Power Pivot, Data Model and DAX

## Things to bring during the course:

- A laptop (preferable your personal laptop)
- Laptop power adaptor & A USB mouse
- A USB thumb drive or hard-disk
- Software requirement: Microsoft Excel version 2016-2019 or Office 365 (must have Power Pivot installed)

## Speak to a Course Consultant

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### East Branch

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