



Session 1 | Introduction to DAX | 9:00 AM

- What is DAX
- Motivations for learning DAX



Session 2 | Filtering and Looping | 9:30 AM

- Understand DAX filter context and iteration
- Explore DAX filtering functions: CALCULATE, CALCULATETABLE, FILTER, ALL, COUNTROWS, DISTINCTCOUNT, DISTINCT, SUMMARIZE, TOPN, IF
- Explore DAX iterator functions: SUMX, AVERAGEX,



Session 3 | Time Intelligence | 11:00 PM

- Explore the most common time intelligence functions: TOTALYTD, DATESYTD, DATESBETWEEN, OPENINGBALANCEMONTH, SAMEPERIODLASTYEAR
- Calendar vs Financial year-to-date reporting
- Calculating growth using the DIVIDE function
- Time Intelligence with non-standard calendars



Session 4 | Working with Relationships | 13:00 PM

- Using inactive relationships with USERELATIONSHIP
- Using role playing tables
- Many-to-many relationships in Power BI
- No relationship scenario tables



Session 5 | Calculated Columns and Tables | 14:30 PM

- Materialise measure values as a column in a table
- Bucket data into quartiles with PERCENTILE.EXC
- Create simple calculated tables using ADDCOLUMNS



Session 6 | DAX Optimisation | 15:30 PM

- Strategies for analysing poor performance
- Improving scalability of data models with Tabular
- Explore various DAX editing tools such as

