



Power BI Advanced



Power Query

- Importing web data – using dynamic parameter
- Importing all files in folder – Combine Files (Combine binaries)
- Aggregating Excel Worksheets – consolidating tables, ranges, worksheets
- Transposing data
- Pivot/Unpivot data
- Creating custom columns, conditional columns
- Data errors handling



Data Model

- Building relationships between tables – cardinality (one-to-many, many-to-one, one-to-one, many-to-many), cross filter direction (single, both)
- Relationships at different granularities
- Ambiguity and bidirectional filters
- Building Calendar Table



DAX

- | | | | |
|--|---------------|-------------------|------------------|
| • Advanced evaluation contexts – row context vs filter context, context transition | • CALCULATE | • USERELATIONSHIP | • DATEADD |
| • Advanced Iterators | • KEEPFILTERS | • LOOKUPVALUE | • DATESINPERIOD |
| • Controlling calculations at different levels of hierarchy with DAX functions | • FILTER | • RELATED | • DATESQTD |
| • Calculations over weeks – imitating Time Intelligence functions | • ALL | • ADDCOLUMNS | • TOTALQTD |
| • Table functions | • ALLSELECTED | • CALCUALTETABLE | • PARALLELPERIOD |
| • What-If parameter | • VALUES | • SUMMARIZE | • AVERAGE |
| • Summing up Totals | • DIVIDE | • ISFILTERED | • AVERAGEX |
| | • IF | • VAR & RETURN | • SUM |
| | • SWITCH | • COUNTROWS | • SUMX |
| | • MAX | • DISTINCTCOUNT | • CONCATENATEX |
| | • IN | • PREVIOUSMONTH | |



Visualisations

- Examples of Power BI Custom Visuals
- Conditional formatting – field values
- Custom Tooltips
- Drill through
- Dynamic visual titles



Other

- Publish to Power BI Service
- Row Level Security
- Creating custom themes .json

*Other additional features depending on the group requests and the available time

See you soon!