



Power BI Advanced

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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
- Creating custom functions
- Data errors handling

Data Model

- Building relationships between tables – cardinality (one-to-many 1:*, many-to-one *:1, one-to-one 1:1, 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
- Advanced Iterators
- Controlling calculations at different levels of hierarchy with DAX functions
- Calculations over weeks – imitating Time Intelligence functions
- Table functions
- Virtual relationships, data lineage
- What-If parameter
- Summing up Totals

CALCULATE	USERELATIONSHIP	PREVIOUSMONTH
KEEPFILTERS	LOOKUPVALUE	DATEADD
FILTER	RELATED	DATESINPERIOD
ALL	ADDCOLUMNS	DATESQTD
ALLSELECTED	CALCULATE	TOTALQTD
VALUES	SUMMARIZE	PARALLELPERIOD
DIVIDE	TREATAS	AVERAGE
IF	ISFILTERED	AVERAGEX
SWITCH	VAR & RETURN	SUM
MAX	COUNTROWS	SUMX
IN	DISTINCTCOUNT	CONCATENATEX

Visualisations

- Power BI Custom Visuals – chiclet slicer, timeline, sunburst, beyondsoft calendar, smart filter, synoptic panel
- Conditional formatting – field values
- Different use-cases of bookmarks – clear all filters, move to different page, hide/show visuals
- Custom Tooltips
- Drill through
- Dynamic visual titles

Other

- Publish to Power BI Service
- Row Level Security
- Introduction to Vertipaq Analyzer and DAX Studio
- Creating custom themes .json

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

See you soon!