Power BI

Power Bi family :

1. Power Bi Service
2. Power BI Desktop
3. Power BI Premium
4. Power Bi mobile

From view tab , check mark the grid

Fields , format and analysis

Creating Data Flow from SQL :

Via gateway , create another dataflow from sql server and we can add map to standard and do the cleaning stuff and then save it

If we need that data from desk top ; get data , power BI , import the data set , the create the report and publish it ,

Then in the powebi service we can schedule the when to refresh

Setting / dataset / get way connection and adjust the setting and …

Search for custom visuals gallery or we can import it from desktop but how foir the utility box ?

Format , Data Label , can give the values on plot

If we have two field on x-axis then drill up arrows can help , day , quarter and year and also maybe segnments canbe four hierarchy drills level

Treemap Chart , rectangulatr bbased on x axis and detailes x and value

Cards are very useful for just reports quick ones

Radial Guage is a great choice to show the target vs goal , show percentile of a kpi , guage are awesome for live streaming of data

KPIs :

New measure : we can create a new field in our dataset

Matrix : can be drilled up and down again

Tables : are not dynamic like Matrix , but they acb be sorted are they can have conditional bars as well.

Visualization interactions:

There is a different between slicer (filtering ) and highlighting , when we click on something some reports just highlighted for that level , because all the charts are interactively working ,

WHAT IF I DON’T WANT THAT MY SLICER AFFECT ONE OF MY VISUALIZATIONS?

FOMAT TAB / EDIT INTYERACTION ON top of each visualization , two icons pops up filter and none , if we non then the slicer does not chage on the visualization

Also for highlighting , we can click on the visualization and then fixed the other visualization in case of highlighting the first visualization this way we can set up the behavior of filtering and visualization .

On report , pin live page

Then create an app for it and share it with people

Normalization : is the process of organizing the fields and tabs of a relational database to minimize redundancy