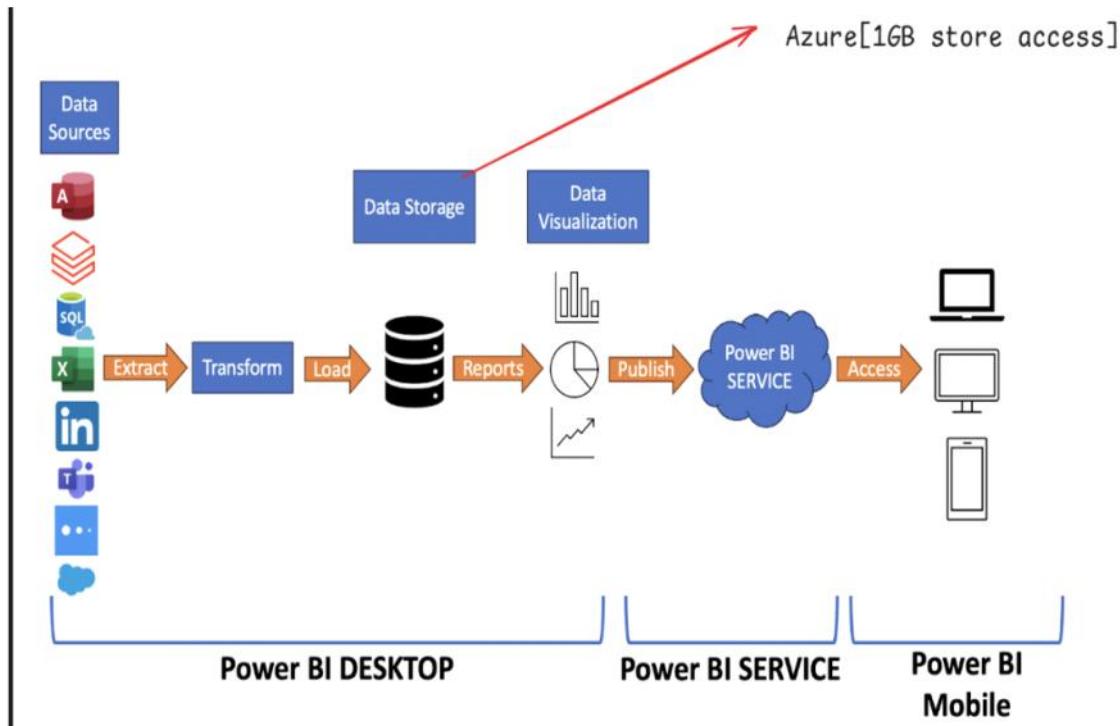


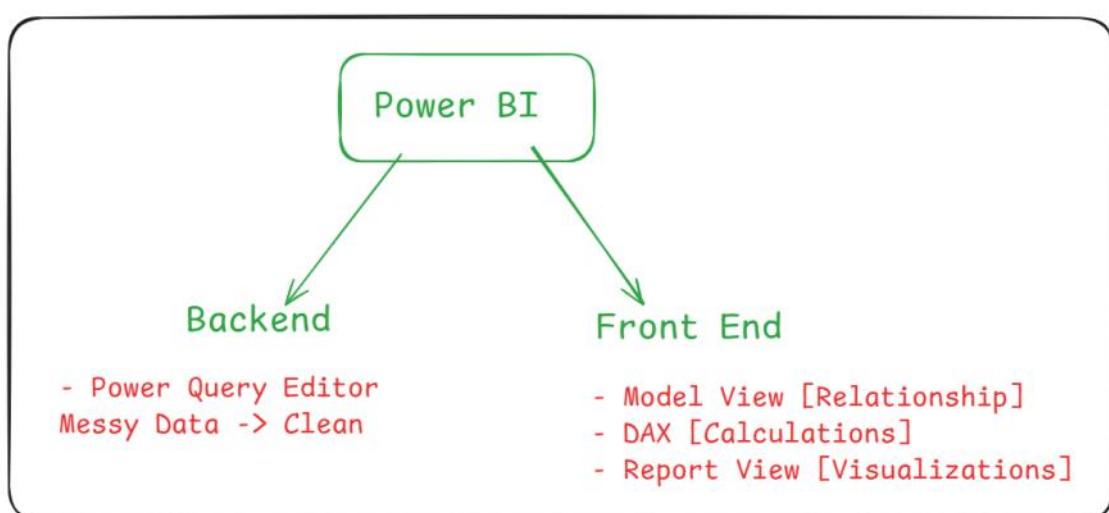
## CN-PowerBI-Lec02-Basic functionality of Power BI and Data Transformations

### Basic functionality of PowerBI and Data Transformations



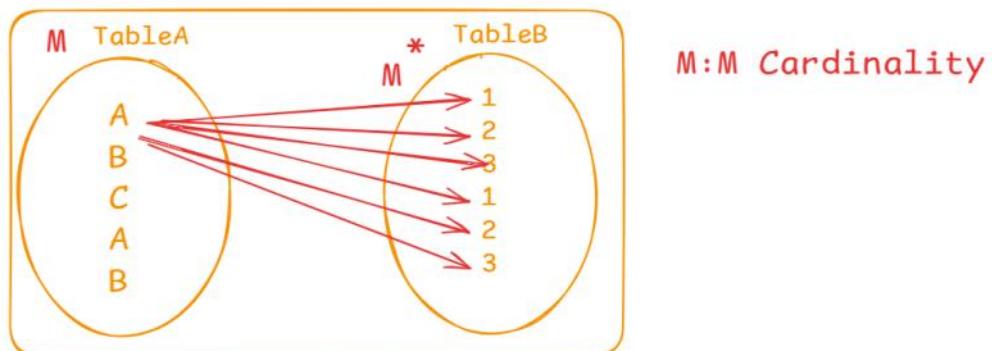
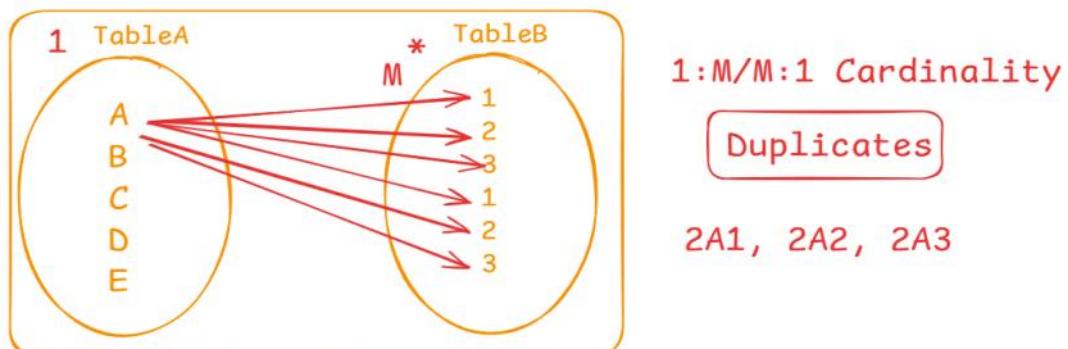
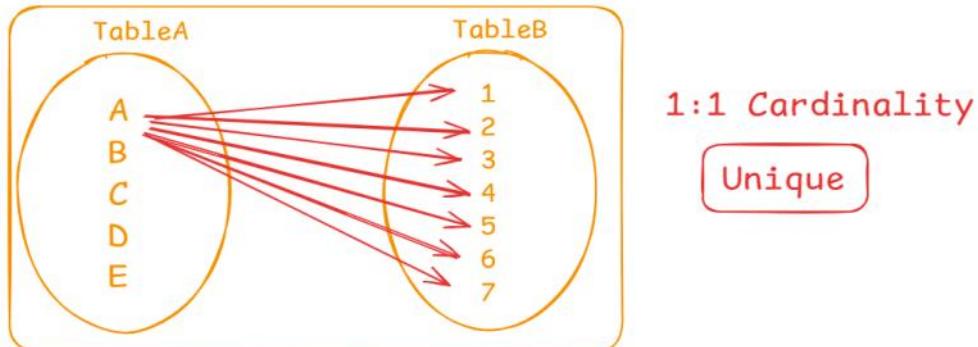
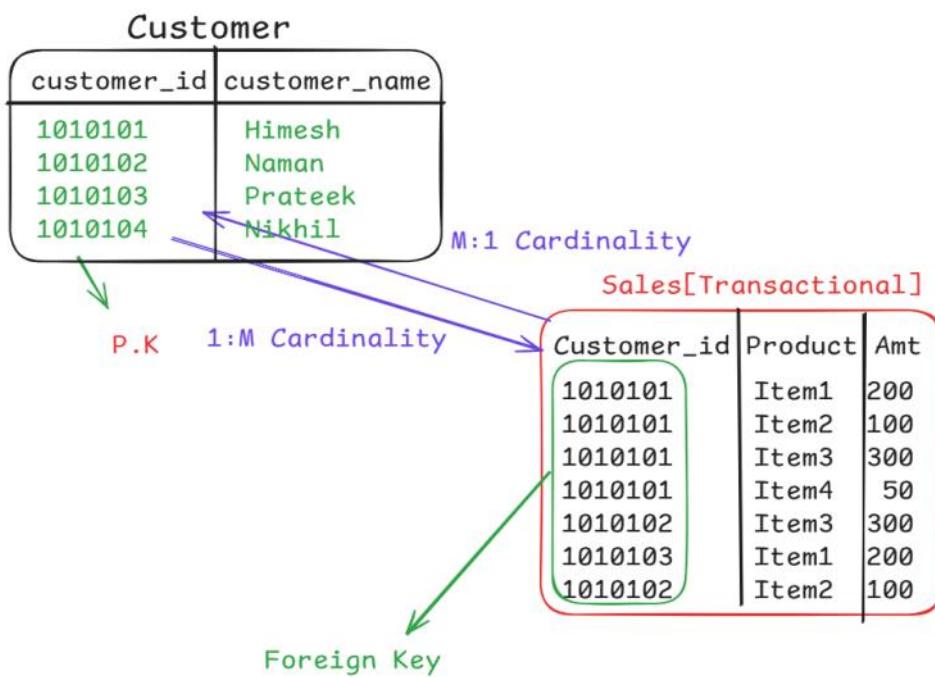
**Supply Sales Dashboard**

 <b>SWIGGY</b>	City Search <input type="text"/>	City Launch Version Search <input type="text"/>	Area Search <input type="text"/>	Business Classifier Search <input type="text"/>	Parent Name Search <input type="text"/>	Parent ID Search <input type="text"/>
Select Flag <input type="checkbox"/> 0 <input type="checkbox"/> 1	SM Name Search <input type="text"/>	Rest Category Search <input type="text"/>	Rest Area Category Search <input type="text"/>	Rest Name Search <input type="text"/>	Rest ID Search <input type="text"/>	<b>Refresh Date</b> Wednesday, August 10, 2021



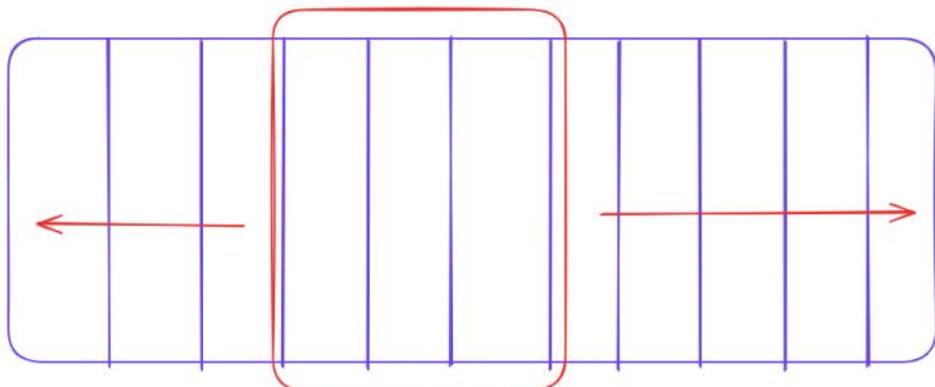
### WorkFlow Of PowerBI....

- Step 0: Make the Sketch of the Dashboard, Connect with Stakeholder
- Step 1: Fetch the data from multiple Source [Connectors]
- Step 2: Transform the data using Power Query Editor [Cleaning][Backend]
- Step 3: Load the data back to Front End. [Table/Data View]
- Step 4: Merge Table[X] or Relational Data[Model View]
- Step 5: In Model View build a Relationship [Cardinality][1:1, 1:M, M:1, M:M]
- Step 6: Add the Advanced Calculation using DAX[Data Analysis Expression]
- Step 7: Visualization by adding advanced visuals.
- Step 8: Report will be ready to publish[Power BI Service][Deploy]
- Step 9: Transform that Desktop Version to Mobile Version [Audience]



## Merged Table

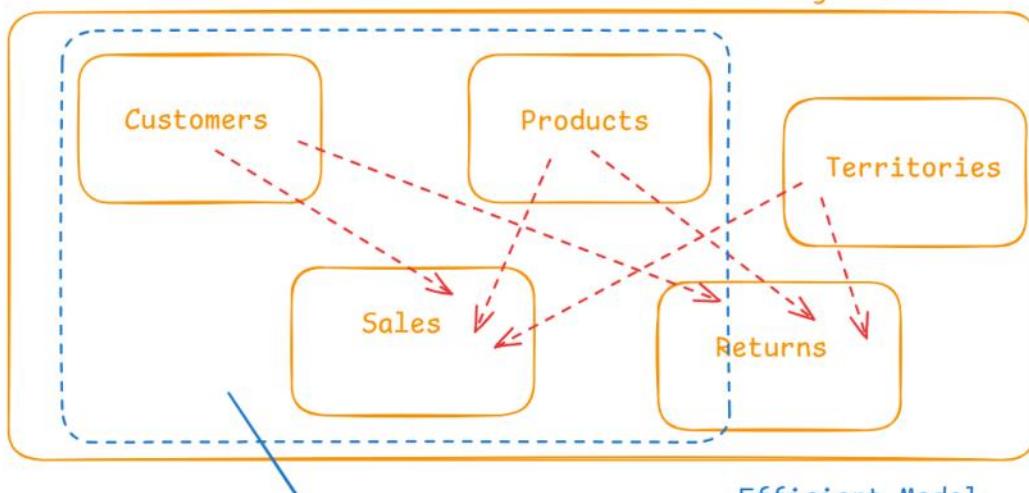
Customer , Products, Sales, Seller, Transaction,Inventory



Highly Computational [Memory Load]

1. More Space
2. More Time
3. Less Efficient

## Amazon Schema [ERD Diagram]

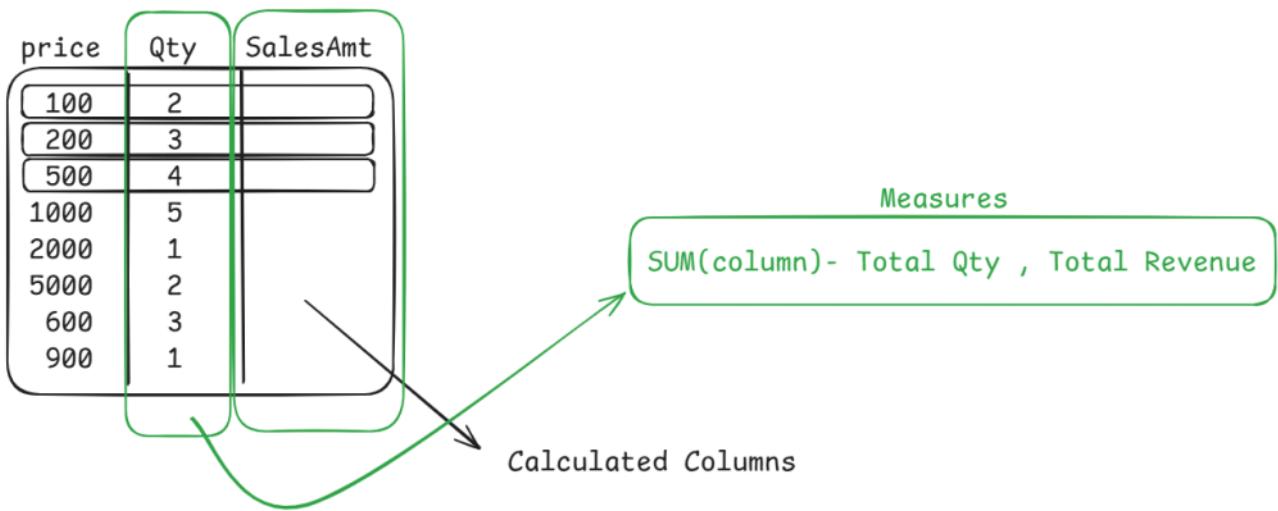


Which customer has bought what product?

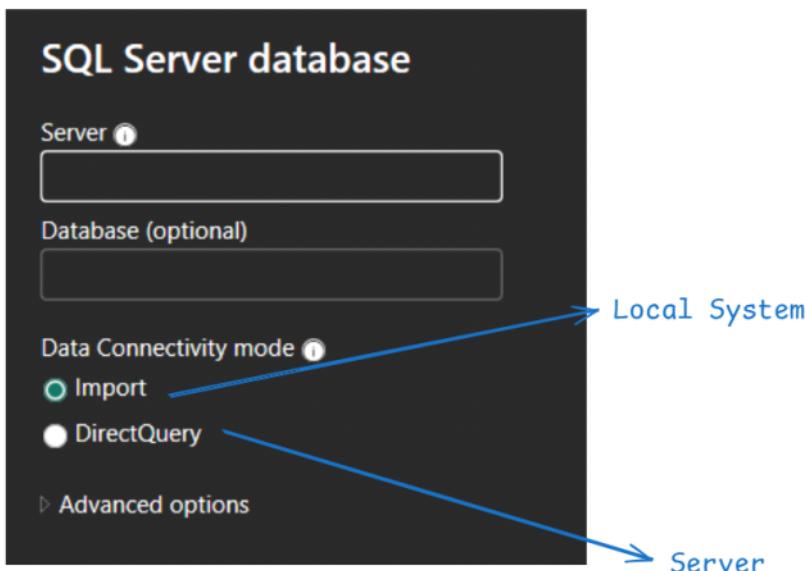
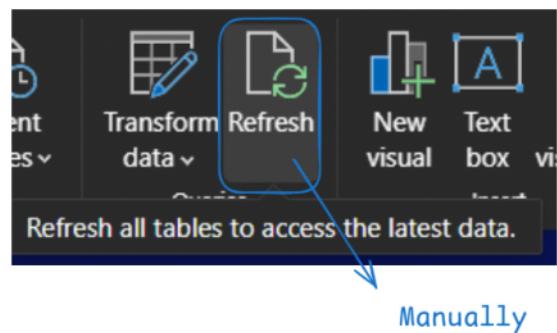
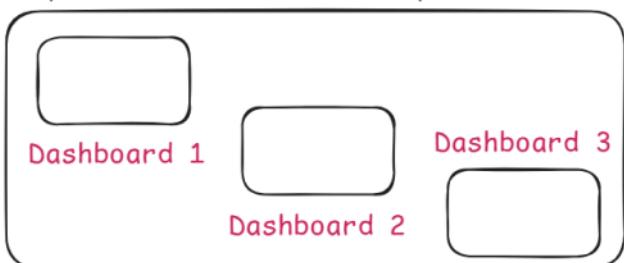
## DAX

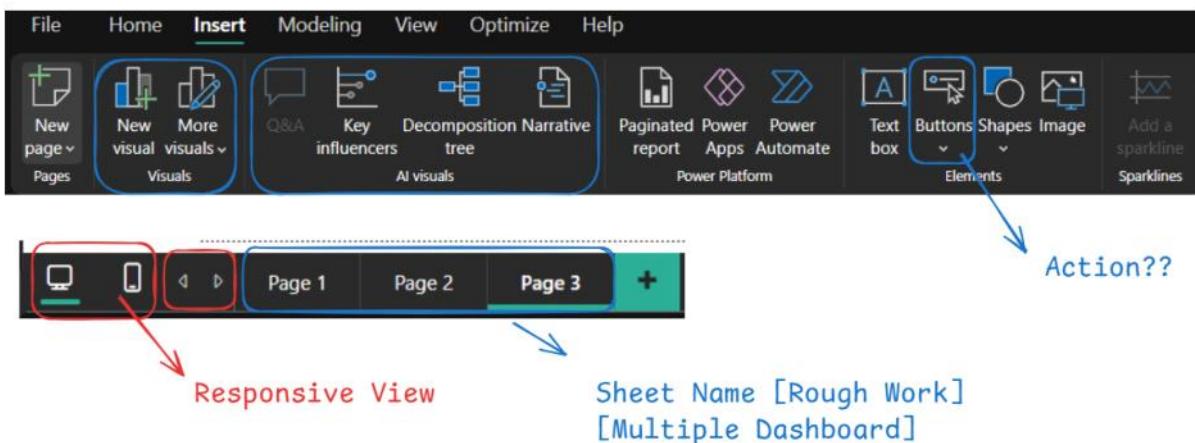
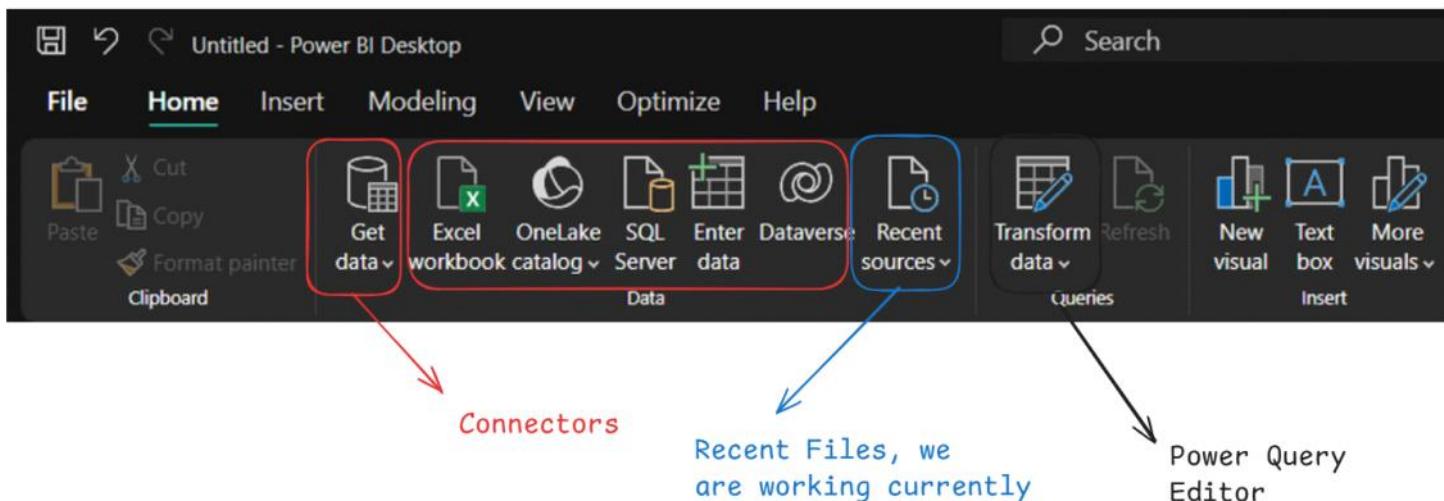
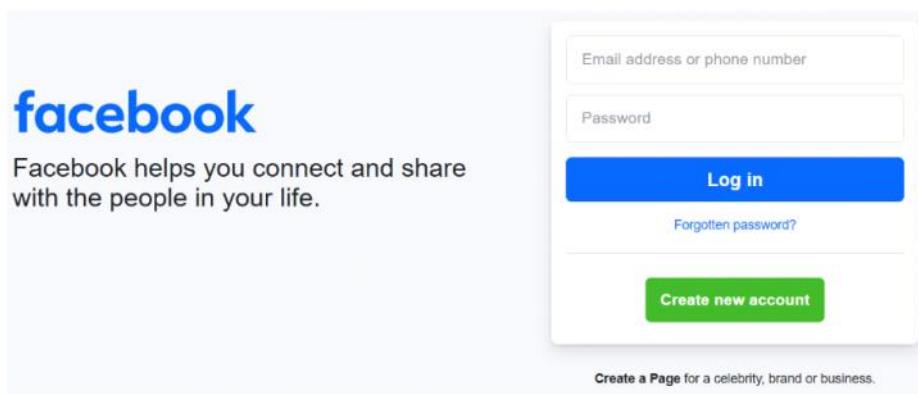
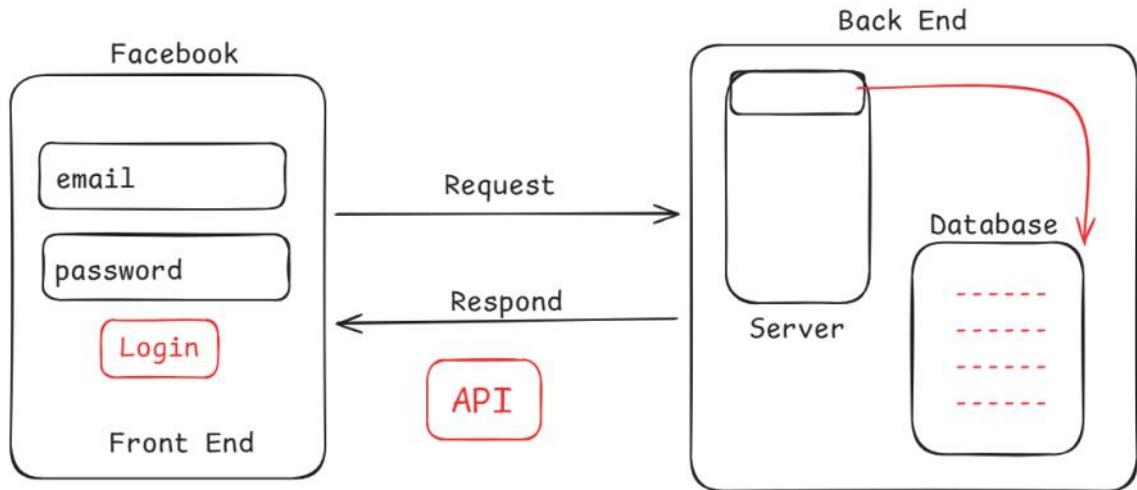
Calculated  
Columns

Measures

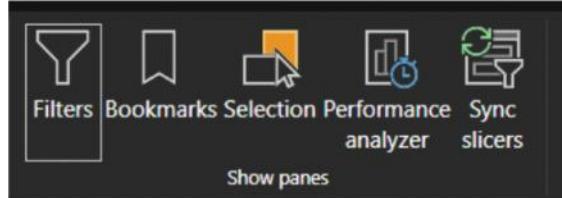


Report - Consist of Multiple Dashboard





## Views



Visualizations

Build visual

Filters

Values

Add data fields here

Drill through

Cross-report

Keep all filters

Add drill-through fields here

Data

Search

You haven't loaded any data yet. Get data

Files

3rd Party Visuals

Inforiver Analytics+... ★★★★★(7)  
xViz LLC dba Lumel  
IBCS, 100+ Charts: Multi Axis, Radar, Waterfall, Bullet, Box Plot, Marimekko, Gantt, Stacked, Combo

Zebra BI Tables ★★★★★(15)  
Zebra BI

Icon Map Pro ★★★★★(2)  
Tekantis

Sunburst by Power... ★★★★★(5)  
TRUVIZ INC

Inforiver Reporting ... ★★★★★(13)  
xViz LLC dba Lumel

Water Cup

Drill Down Pie PRO... ★  
PRO

Enlighten Storyteller

hi-chart Reporting ... ★  
REPORTING STUDIO

Text Filter ★

All visuals   Organizational visuals   AppSource visuals

Explore all available visuals to magnify your business insights [Learn more](#)

Filter by All