

ASSIGNMENT 4:VISUALISATIONS IN POWER BI

ANJALI A S Q18SQL&POWER BI

1. ARDAREA CHART

An area chart fills the space between a line and the axis to emphasize the magnitude of change over time, making it ideal for visualizing total values, such as profit trends. For example, plotting monthly profits in an area chart allows viewers to quickly see the overall profit growth over the year.

2. CARDS

- Cards are visualizations that present summarized data in an engaging format, often used to highlight key performance indicators (KPIs) or important metrics.
- Visually appealing and easy to read, making them effective for dashboards and reports.
 - (i) Single Number : Only a single data point
 - (ii) Muti row : Multiple data point

3. DECOMPOSITION TREE

- It is a visual tool that helps you break down a single metric into its contributing factors.
- It allows you to explore data hierarchically, showing how different categories or dimensions contribute to the overall value, making it easier to identify trends and insights.

4. PIE CHARTS

- Visualize the proportion of categories as parts of a whole.
- Effective for displaying market share among a few competitors, best with 2-5 categories.

5. DOUGHNUT CHART

- Doughnut charts are circular graphs that display data in a way similar to pie charts, but with a hole in the center. This design allows for better readability and can accommodate additional information in the center, such as totals or labels.

6. FUNNEL CHARTS

-