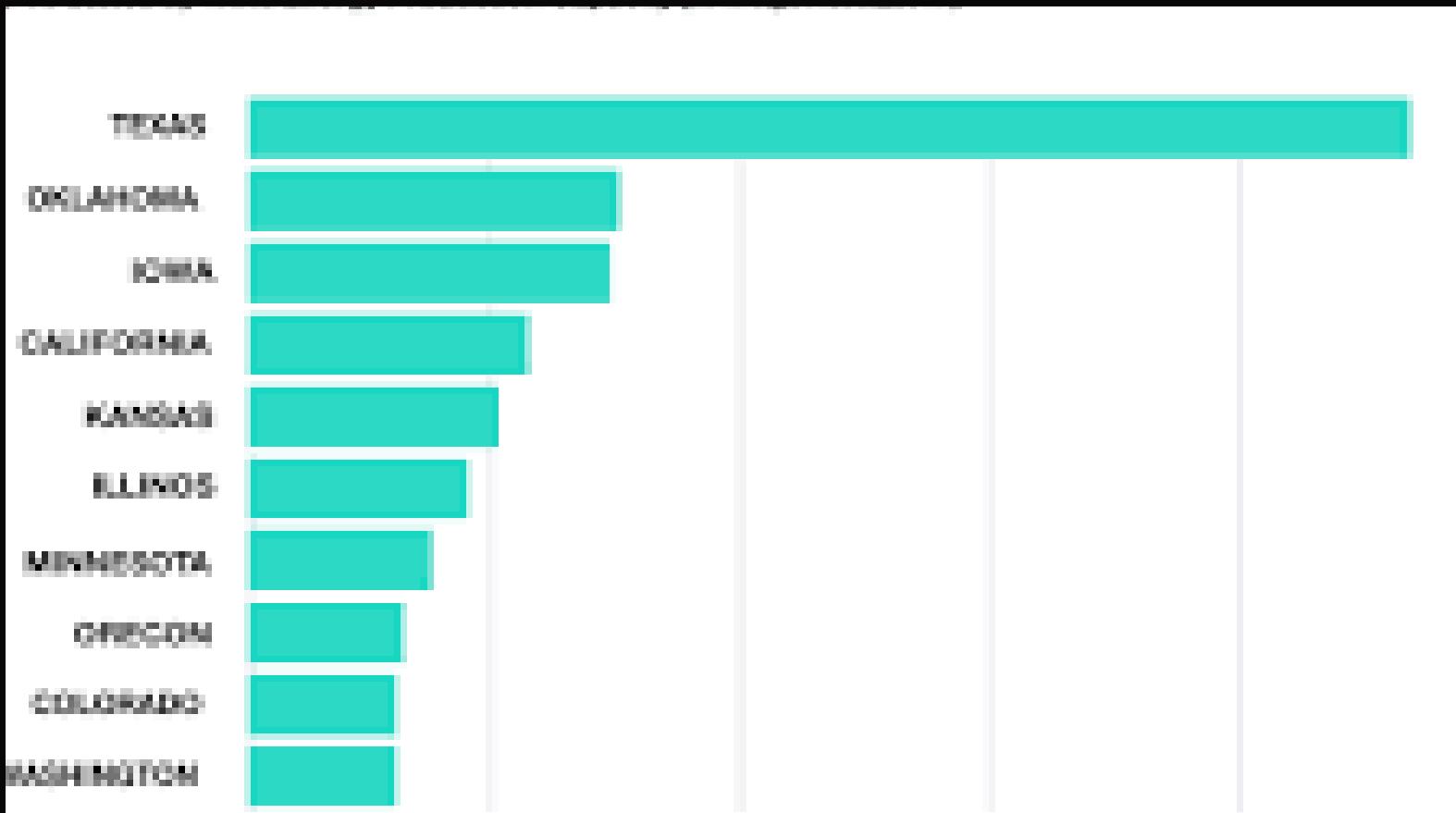




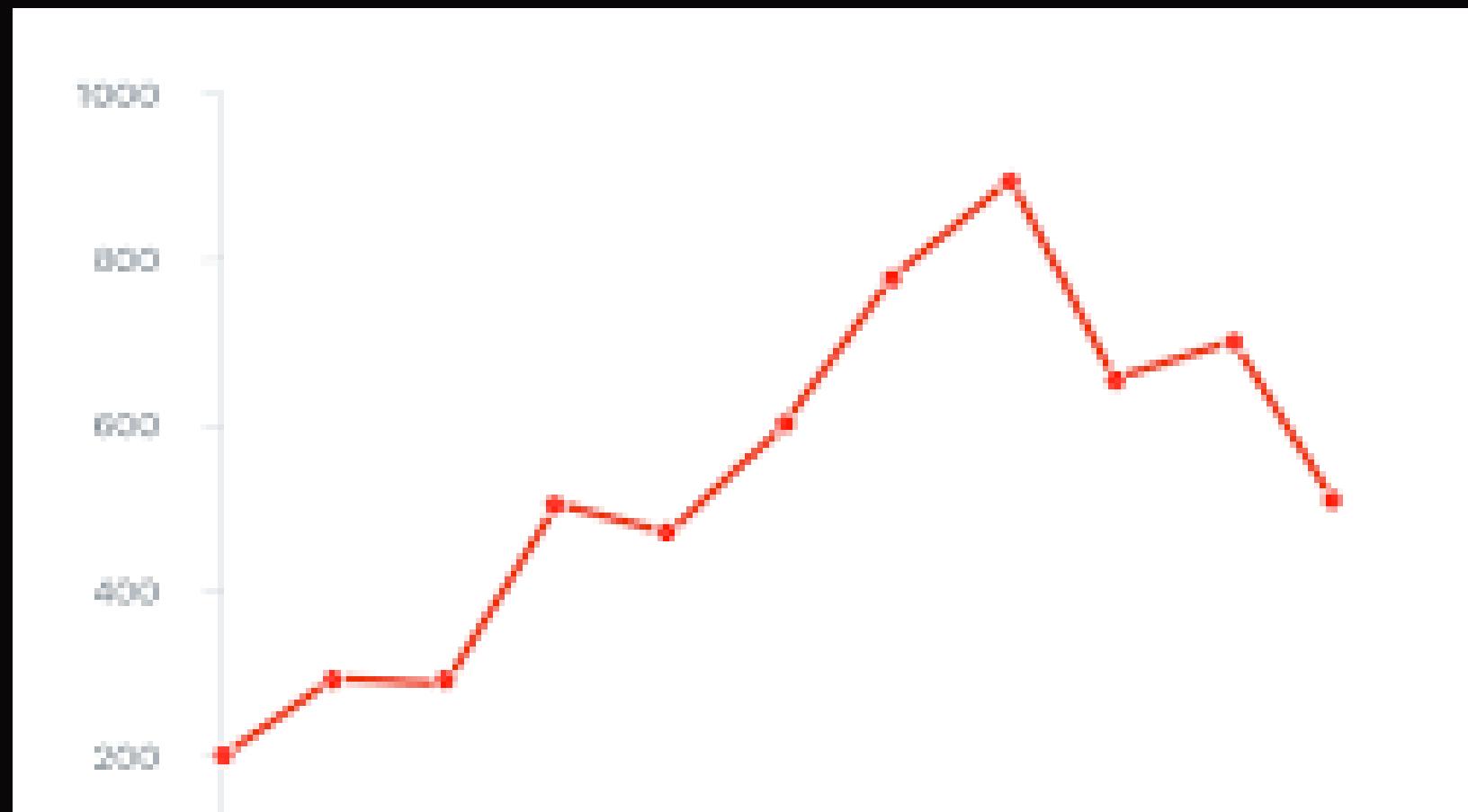
CHARTS IN POWER BI

BAR CHART:



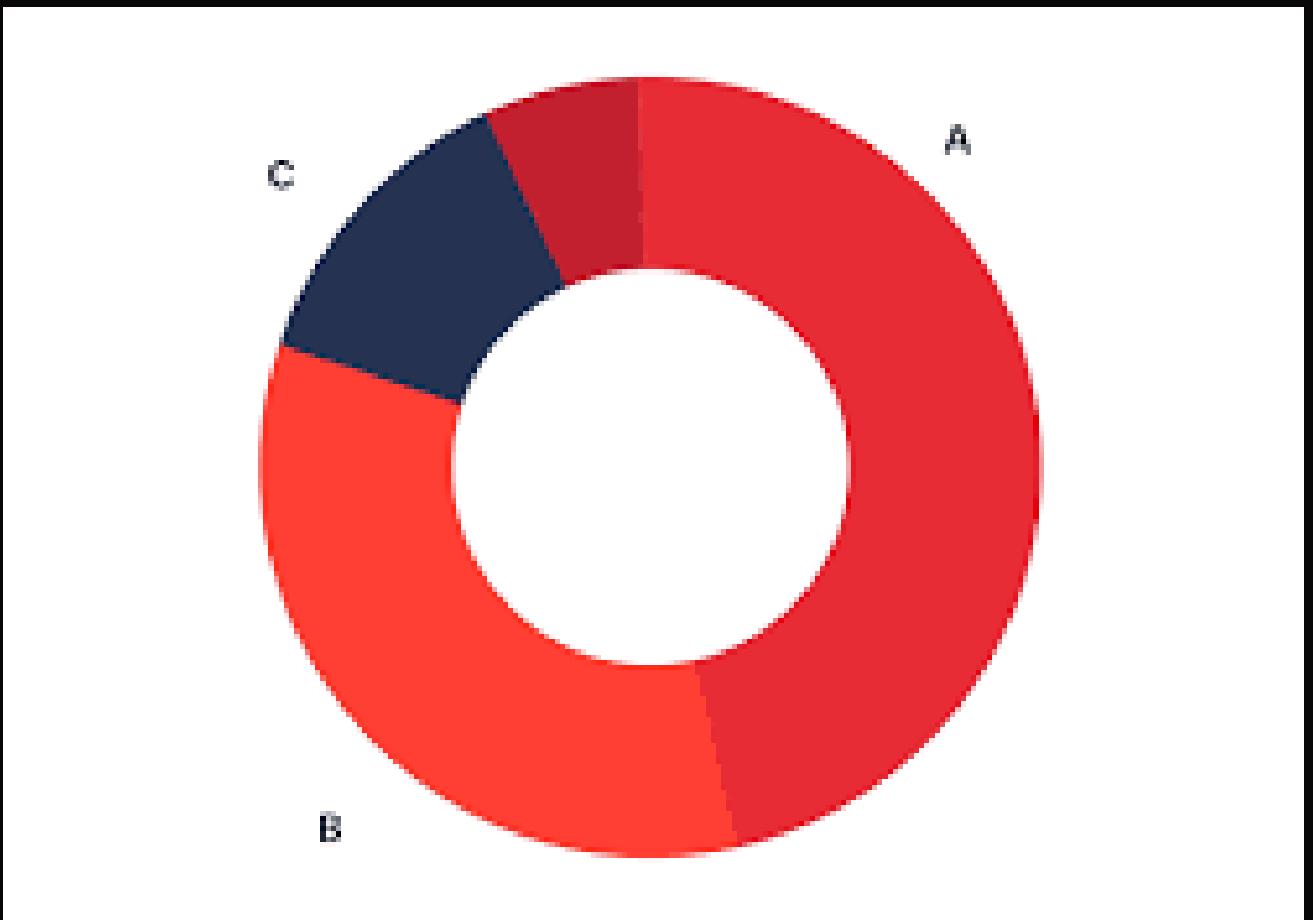
- **Types of Data-** Numeric, Categorical
- **What does it show-** Proportion of data points in a given category
- **When to use it-** Comparing data across different categories
- **When to avoid it-** Using bar charts with too many categories

LINE CHART:



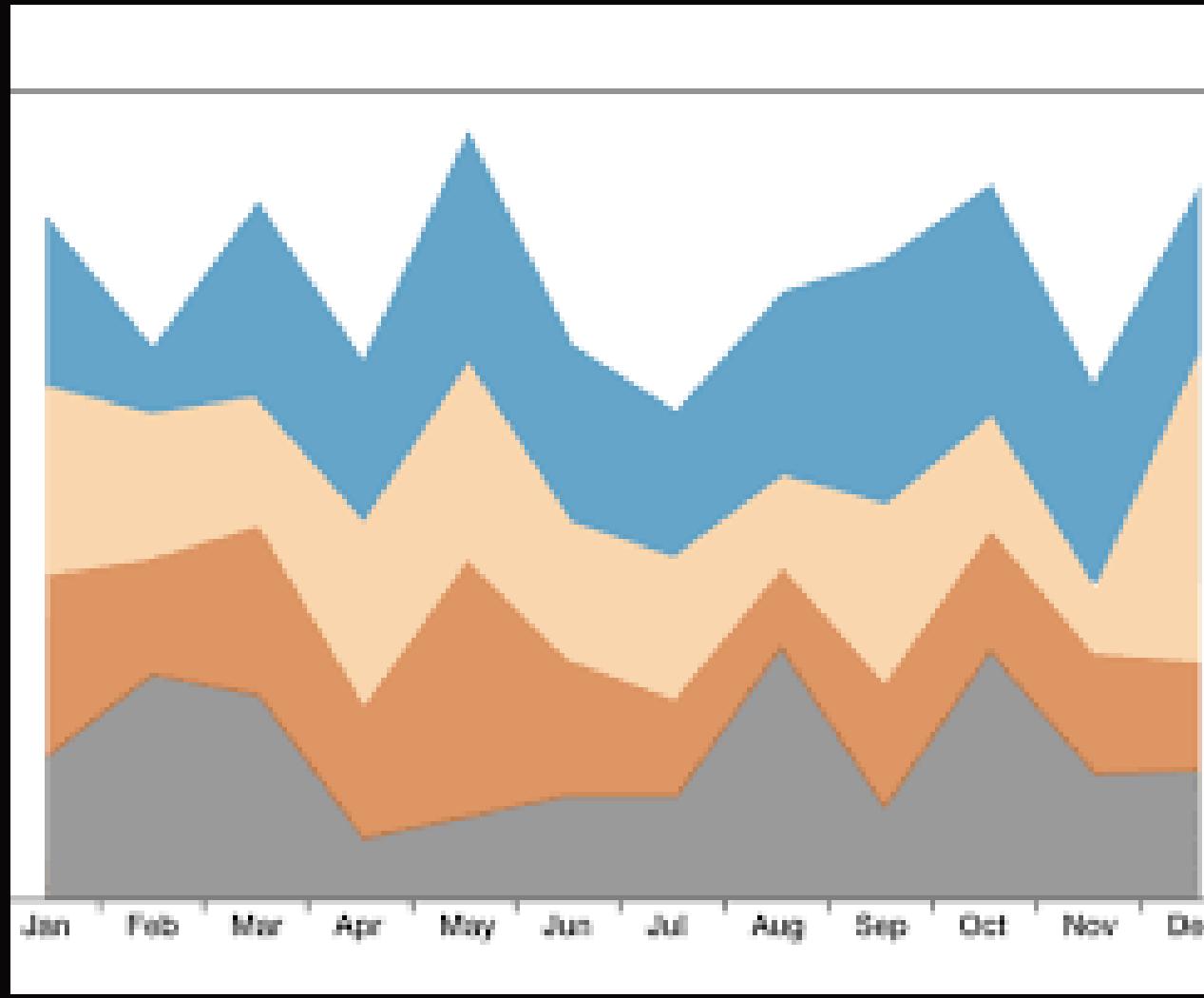
- **Types of Data-** Numeric
- **What does it show-** Trends over time
- **When to use it-** When showing trends over time
- **When to avoid it-** Using line charts with too many data points

DONOUT CHART:



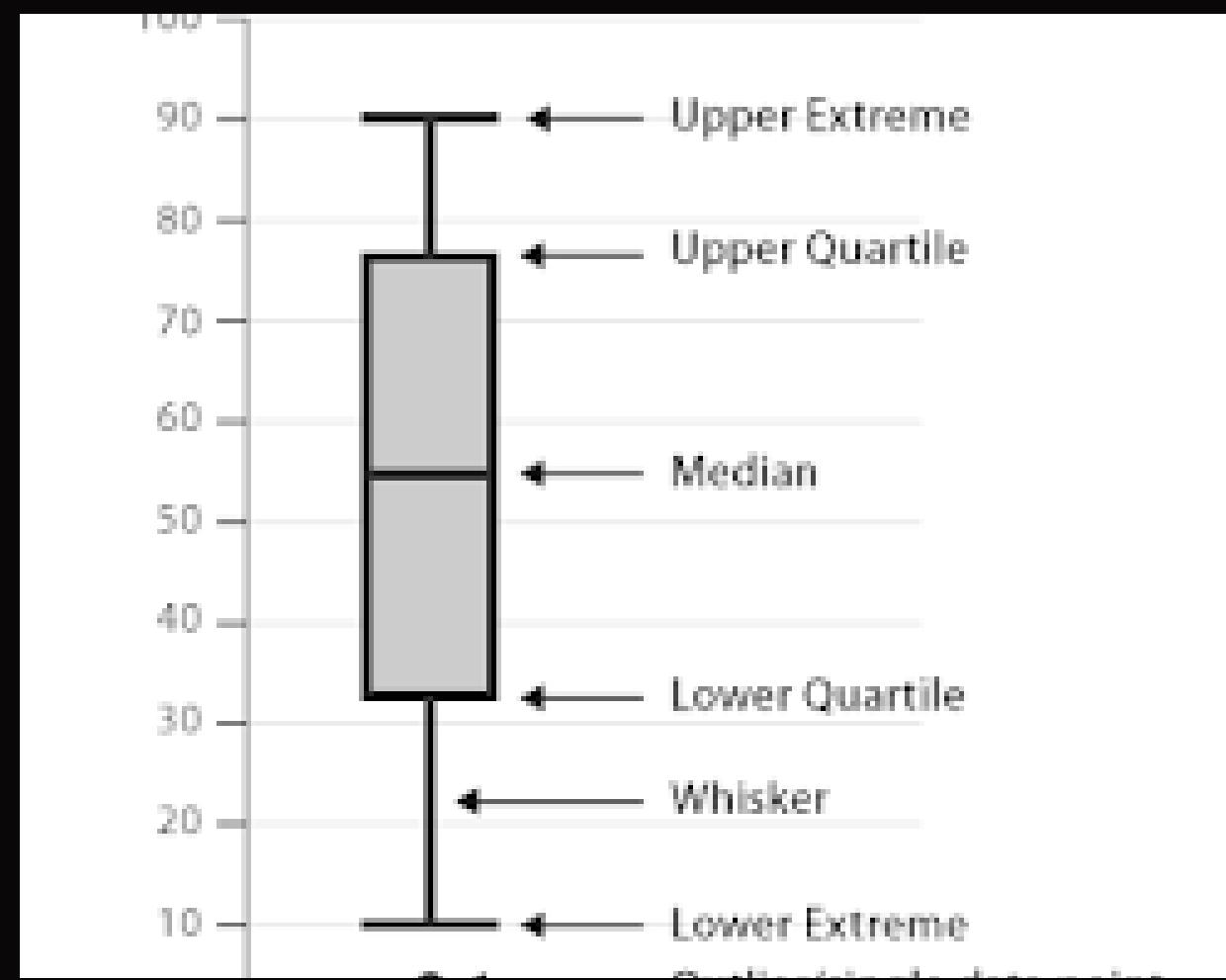
- **Types of Data-** Numeric
- **What does it show-** Proportion of whole
- **When to use it-** When showing the proportion of a each category
- **When to avoid it-** Using donout charts with too many categories

AREA CHART:



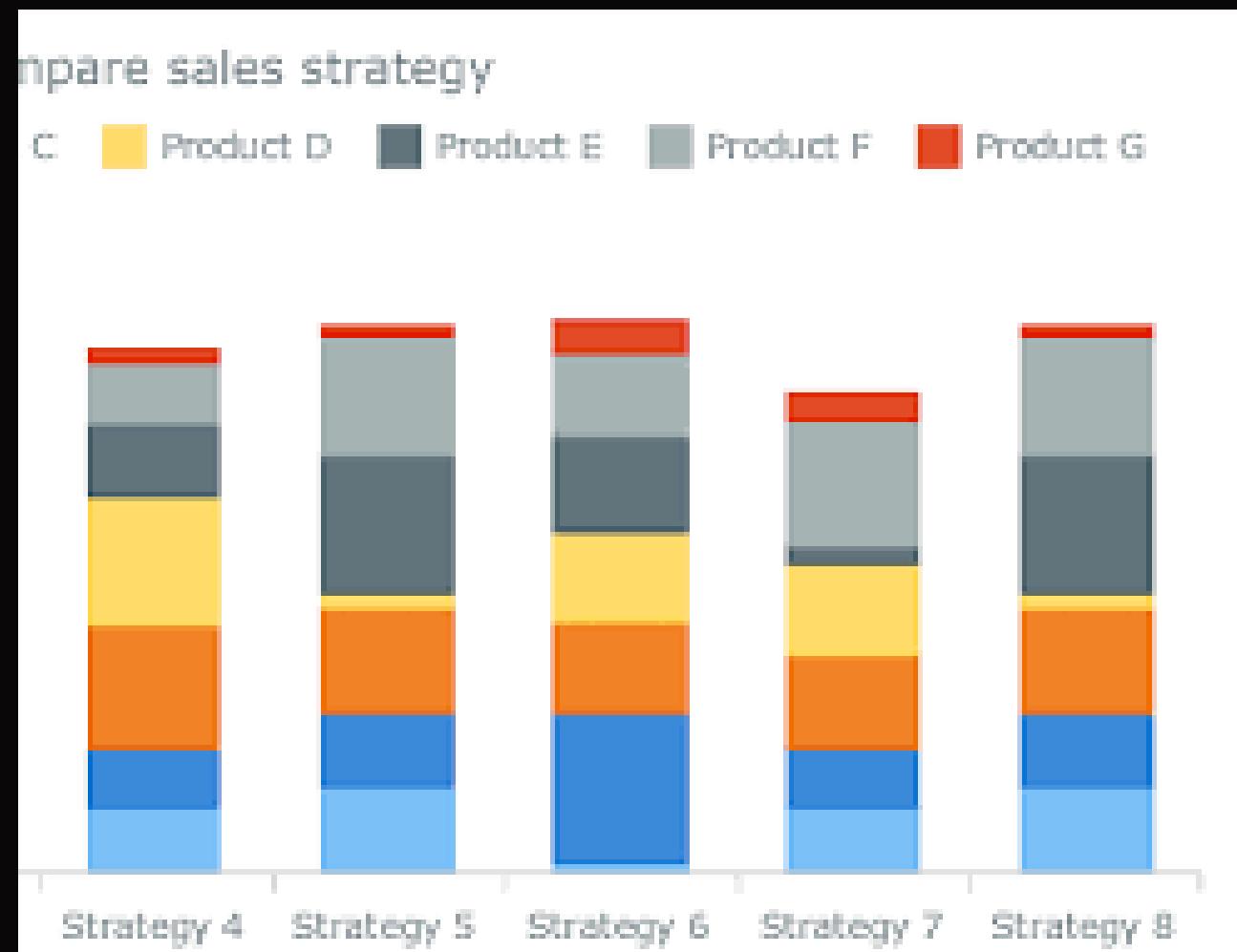
- **Types of Data-** Continuous, time series
- **What does it show-** Trends over time
- **When to use it-** When showing vol. of data trends over time
- **When to avoid it-** Using area charts with too many categories

BOX PLOT CHART:



- **Types of Data-** Numeric
- **What does it show-** Distribution of Data
- **When to use it-** When showing distribution of data
- **When to avoid it-** Using box plot with too many categories

STACKED BAR CHART:



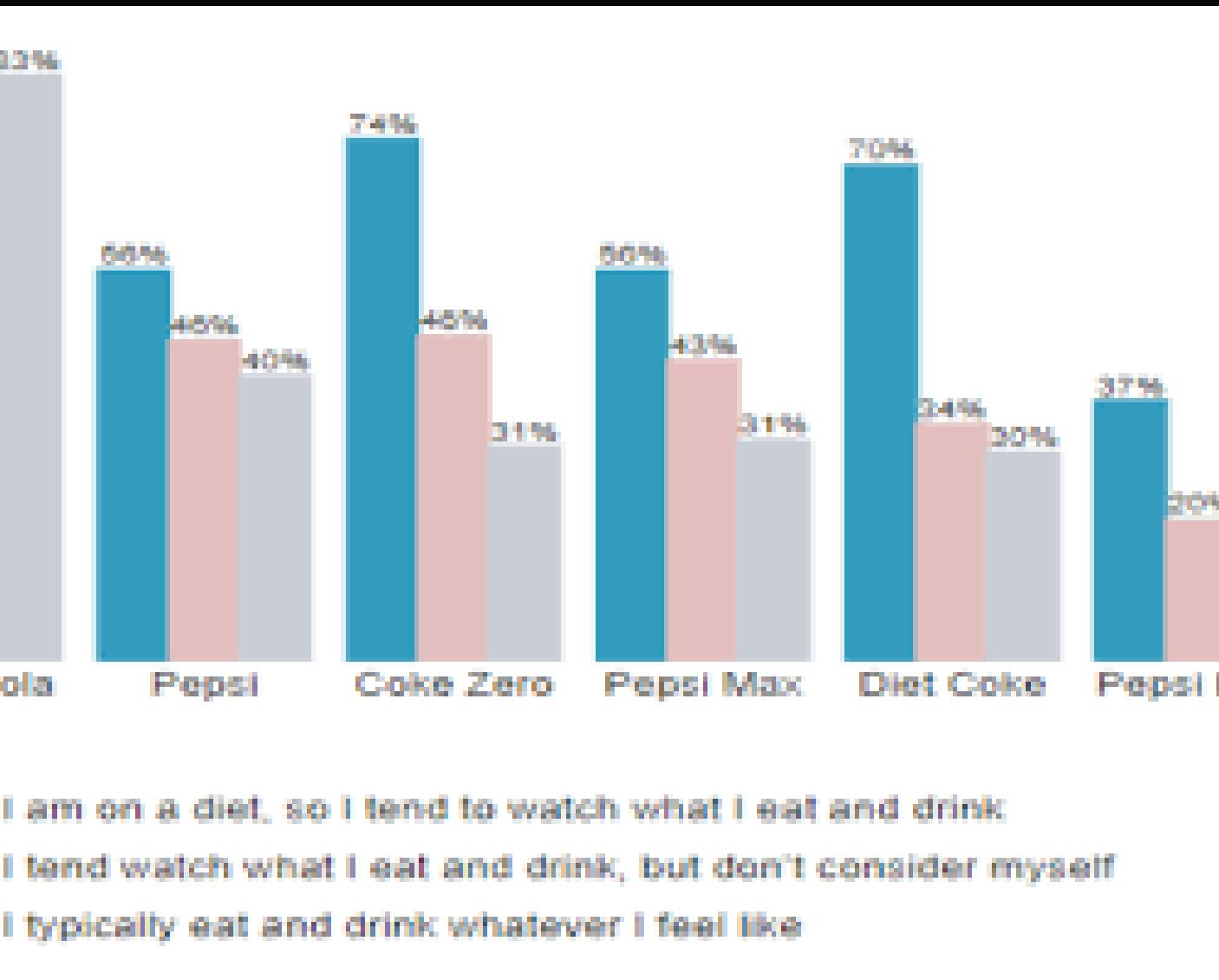
- **Types of Data-** Numeric, Categorical
- **What does it show-** Comparison of data across multiple categories & contribution of each category to total
- **When to use it-** Comparing each category to total
- **When to avoid it-** Using charts with too many categories

WATERFALL CHART:



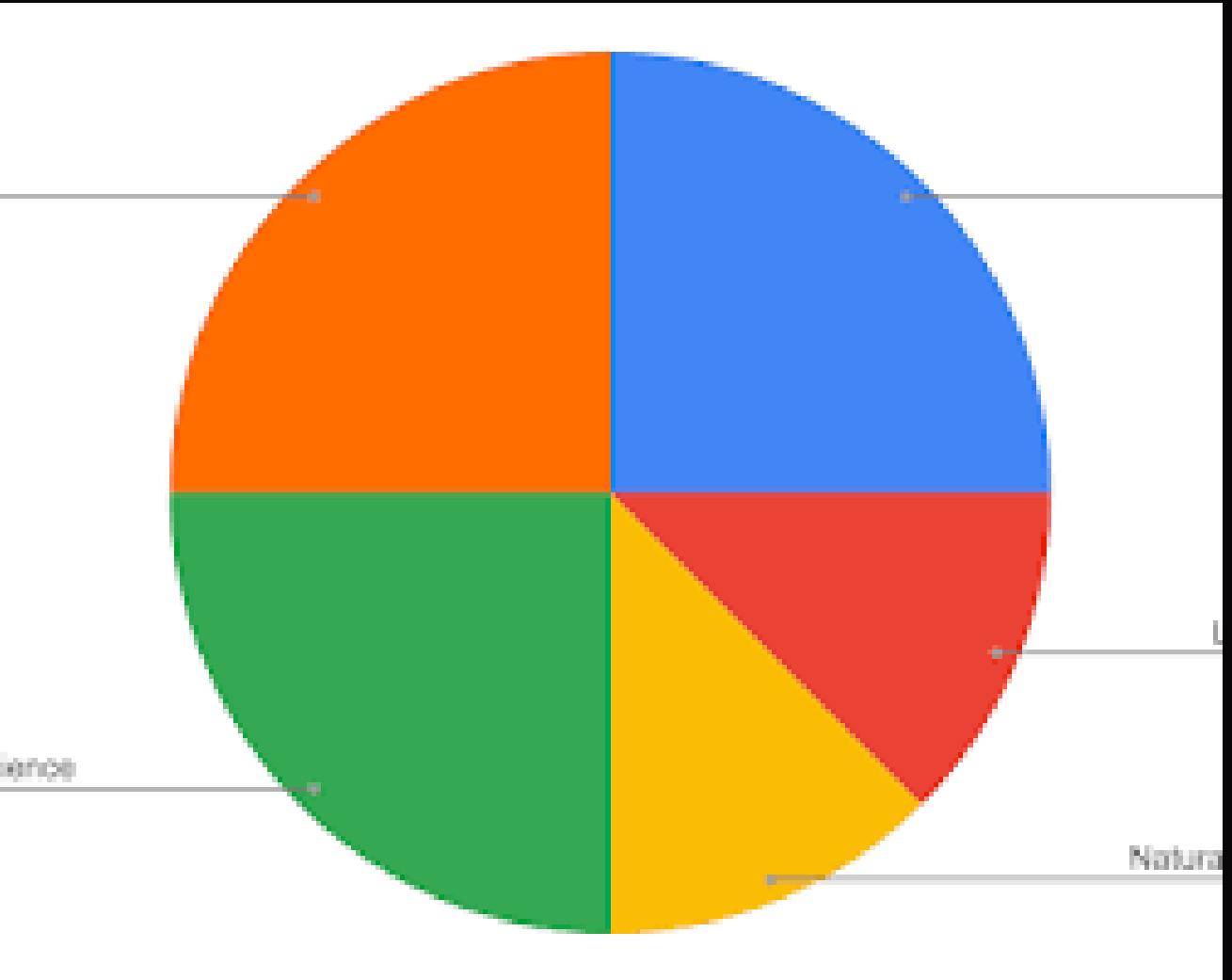
- **Types of Data-** Numeric
- **What does it show-** Cumulative effect of positive & negative value
- **When to use it-** series of positive & negative values
- **When to avoid it-** Using charts with too many categories

COLUMN CHART:



- **Types of Data-** Numeric, Categorical
- **What does it show-** comparison across different categories
- **When to use it-** Comparing data across different categories
- **When to avoid it-** Using column charts with too many categories

PIE CHART:



- **Types of Data-** Numeric
- **What does it show-** Proportion of whole
- **When to use it-** when showing proportion of whole
- **When to avoid it-** Using pie charts with too many categories

KPI'S:



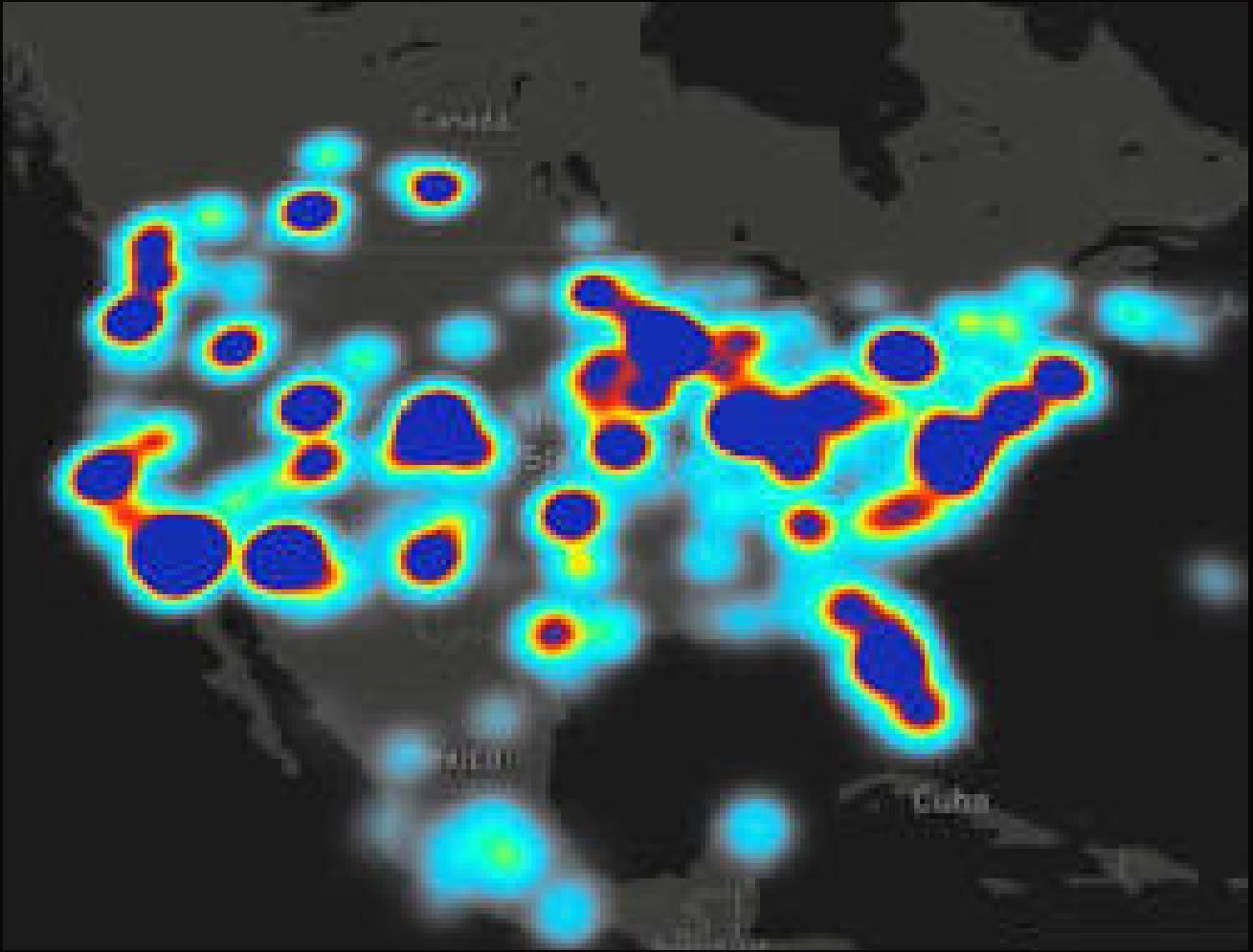
- **Types of Data-** Numeric
- **What does it show-** Progress of a business
- **When to use it-** while tracking progress of business or project
- **When to avoid it-** Using too many KPI's

GAUGE CHART:



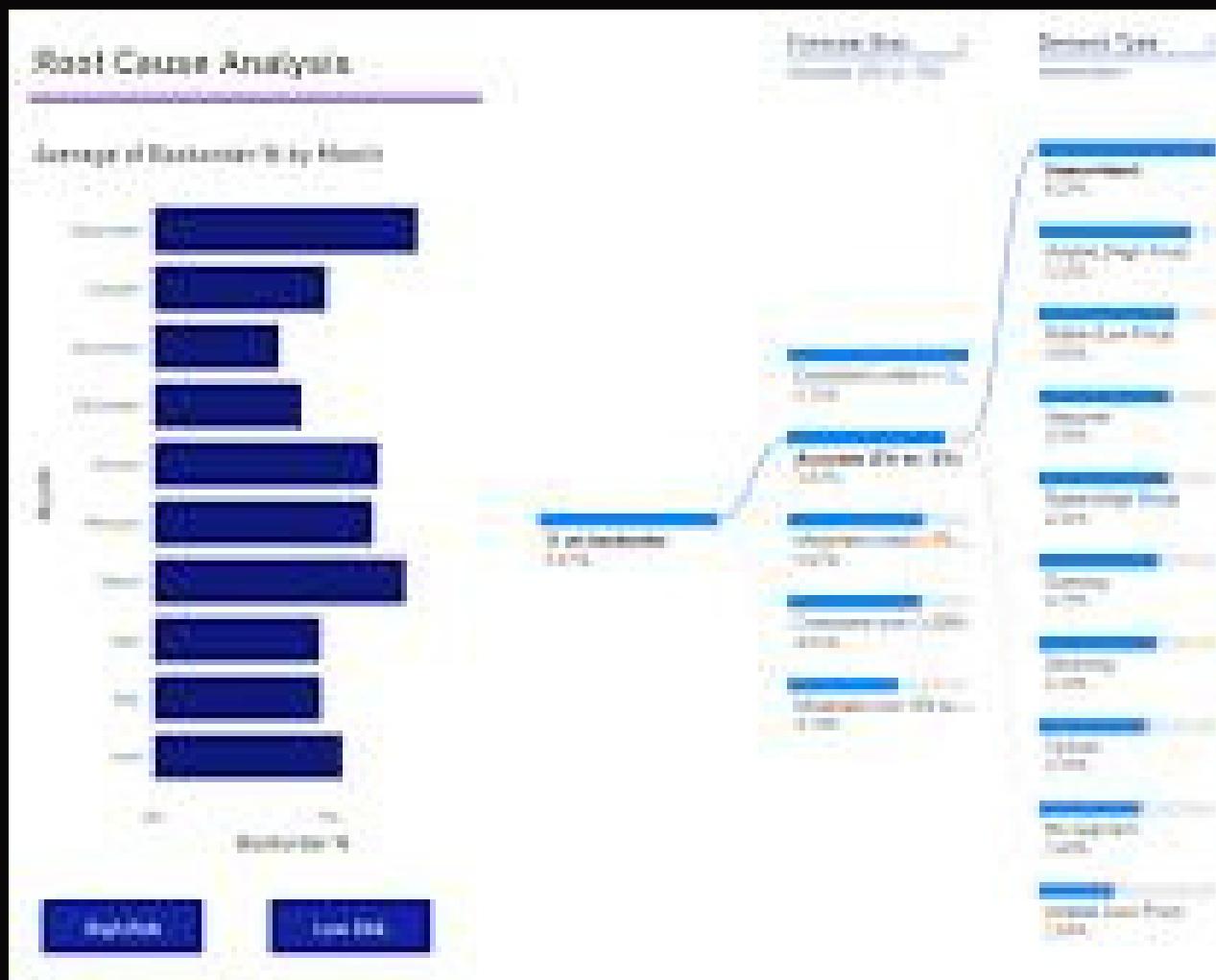
- **Types of Data-** Numeric
- **What does it show-** Current value of metric related to target value
- **When to use it-** When showing the current value of a metric relative to a target value
- **When to avoid it-** Using too many gauge charts

MAPS:



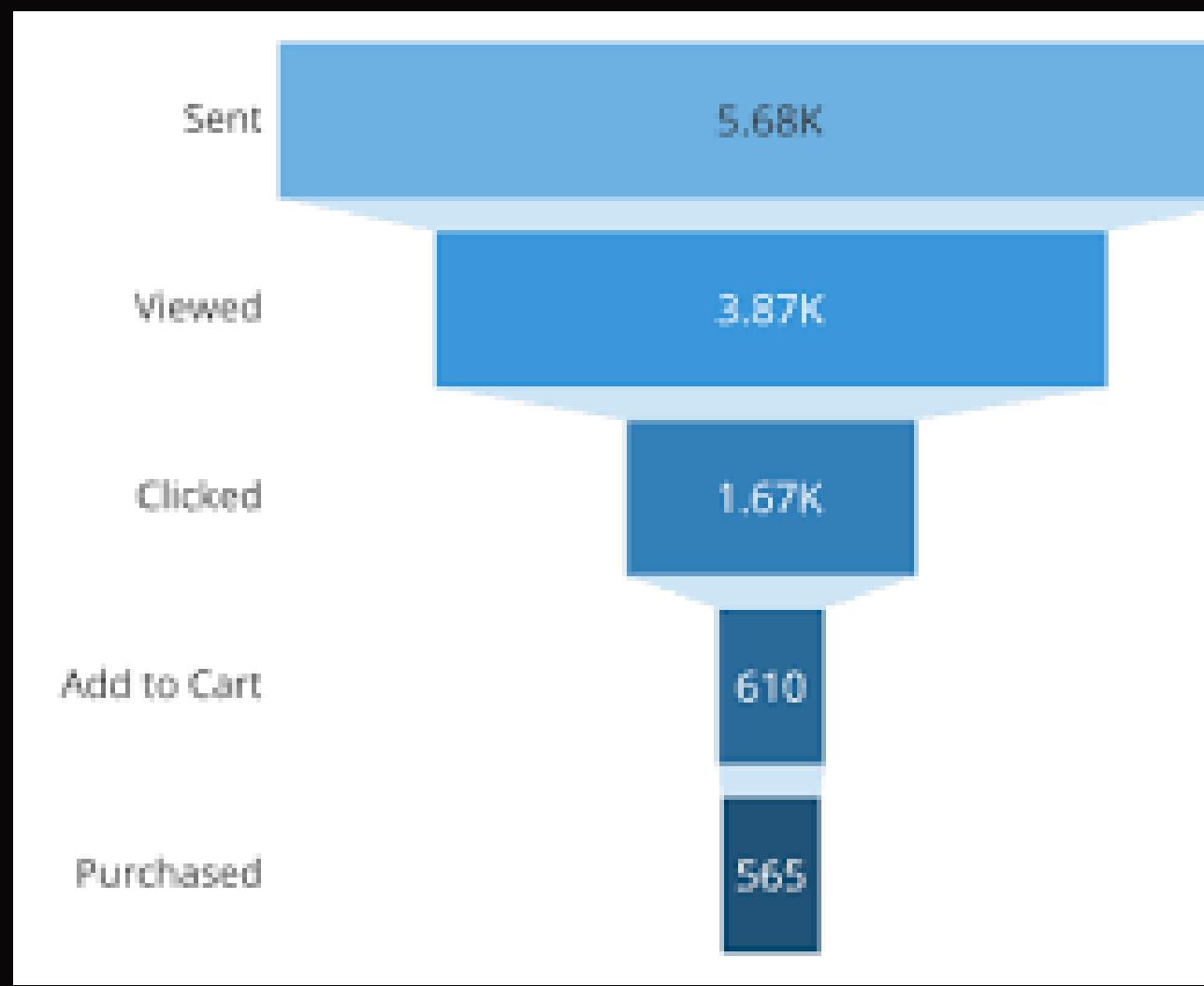
- **Types of Data-** Geographical
- **What does it show-** Location of features
- **When to use it-** When showing location of features
- **When to avoid it-** Using maps with too much data

DECOMPOSITION TREE:



- **Types of Data-** Hierarchical
- **What does it show-** Breakdown of a complex problem into smaller, more manageable parts
- **When to use it-** When breaking down a complex problem
- **When to avoid it-** Using decomposition tree with too much categories

FUNNL CHART:



- **Types of Data-** Numeric
- **What does it show-** Progression of a process
- **When to use it-** When showing the progression of a process
- **When to avoid it-** Using funnel chart with too much categories