Project: 2

Problem Statement- 1

Objective- Data Transformations

Use Case -Design a dashboard to analyze the trend of admissions into state universities.

Source -USA StateUniversity Admissions

Analytics - Use Query Editor to perform data modeling by apply transformations like

1. Append Data
2. Split Data
3. Column Formatting
4. Fill Columns
5. Transpose Table
6. Pivot / Un Pivot
7. Merge Join
8. Conditional Columns
9. Index Columns
10. Summary Tables

Problem Statement- 2

Objective- Advanced Visualizations.

Use Case -Design a dashboard to analyze the trend of admissions into state universities.

Source - USA StateUniversity Admissions

Analytics - Use expressions and filters to build custom visualizations

Dashboard - Applications Analysis

1. Total Applications vs. Target Trend by State
2. Total Application by State Geo Dashboard
3. Tabular presentation of universities and funds
4. % of Applications by Race

Dashboard - Universities Analysis

5. Top 10 Universities by Applications
6. Top 10 Universities by Applications with and without Special Grants
7. Bottom 10 Universities by Applications
8. % of Applications Vs Universities Fund Allocations

Problem Statement- 3

Use Case -Top Down and Bottoms Up Analysis to identify Shipping Costs Leakages

Source -Superstore sales

Analytics-Build a set of visualizations to identify underlying outliers and flip same set of visualizations to perform bottom up analysis.

Top Down Analysis

1. Shipping Costs by Order Priority - Bar Chart
2. Shipping Costs by Shipping Mode - Funnel Chart
3. Shipping Costs by Customers - Scatter Plot
4. Transactional view of underlying data

Bottom Up Analysis

1. Duplicate above dashboard and change interactions
2. Replace Transactional View Donut and Scatter Plot with Tree map