

Data-Driven Innovations in Supply Chain Management with Qlik Insights

Data Visualizations

Develop a set of unique visualizations to capture various aspects of supply chain management, including:

1. **KPI Cards:** Total sales, total profit



2. **Bar Charts:** Top 5 average profit customer city, Top 10 cities sales distribution, Sales and Profit category distribution, Order region analysis



Top 5 average profit customer city

Profit by customer description

Calculated measure (KPI)

- The Average Profit is 21.97.

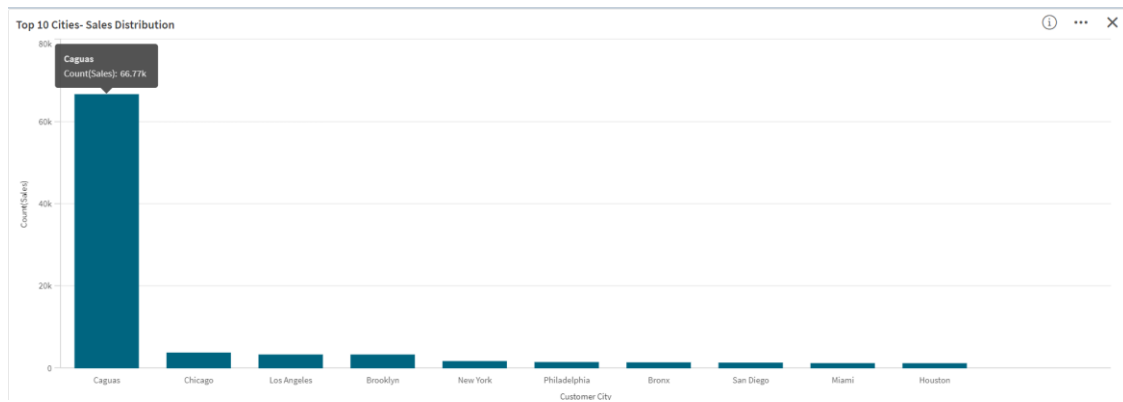
Ranking

- The top Customer City is Birmingham with Average Profit average equal to 59.26.

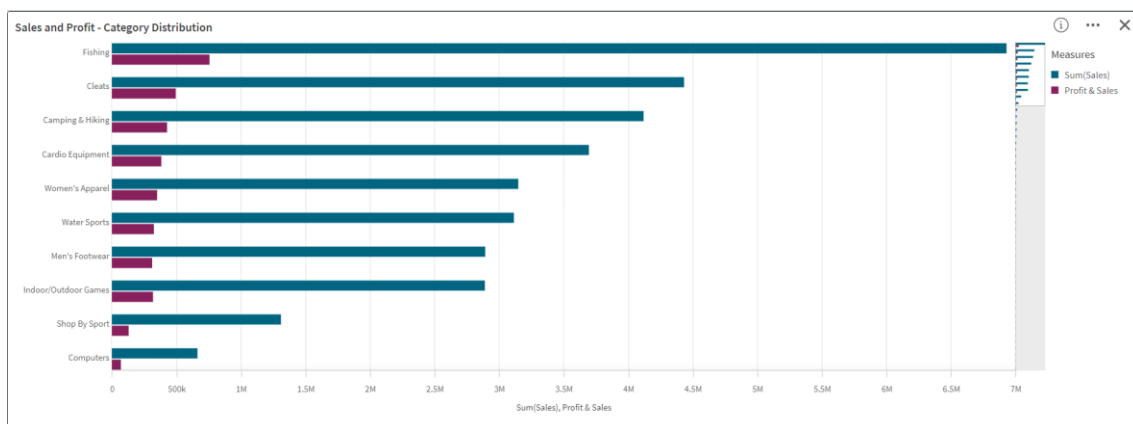
Breakdown (geospatial)

- Average Profit is 21.97 across 563 Customer City.
- Top Average Profit is 59.26 where Customer City is Birmingham.

Top 5 average profit customer city Description



Top 10 cities sales distribution



Sales and Profit category distribution

Sales and Profit - Category Description

Calculated measure (KPI)

- The total Sum(Sales) is 36.78M.

Ranking

- The top Category Name is Fishing with Sum(Sales) that is 18.8% of the total.
- 77% of Sum(Sales) is represented by top 7 Category Name.

Comparison

- Comparison: total Sum(Sales) is 36.78M and total Profit & Sales is 3.97M.

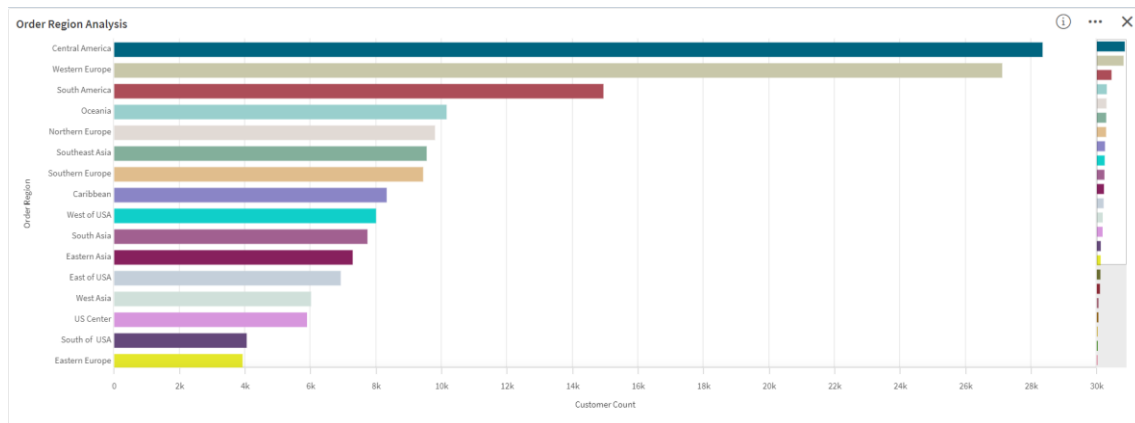
Mutual information

- The mutual dependence between Sales and Order Profit Per Order is 88.32%.

Correlation

- Correlation: Order Profit Per Order and Sales have a 13.18% correlation.

Sales and profit category description



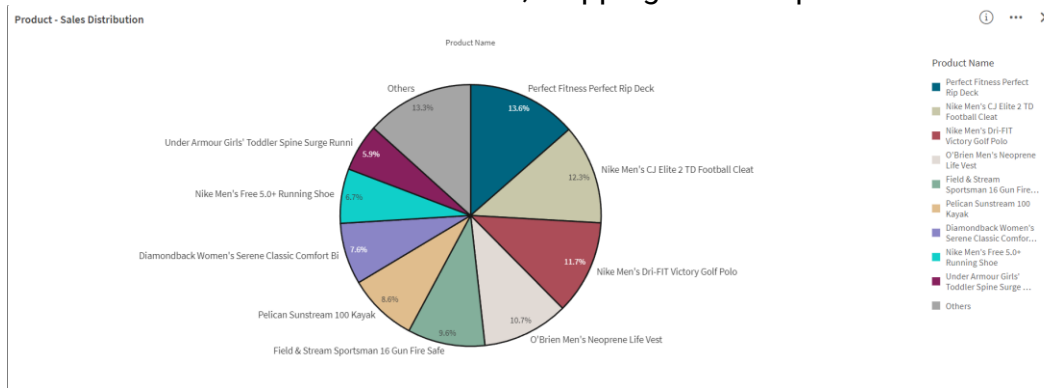
Order region analysis

3. Treemaps: Market Analysis

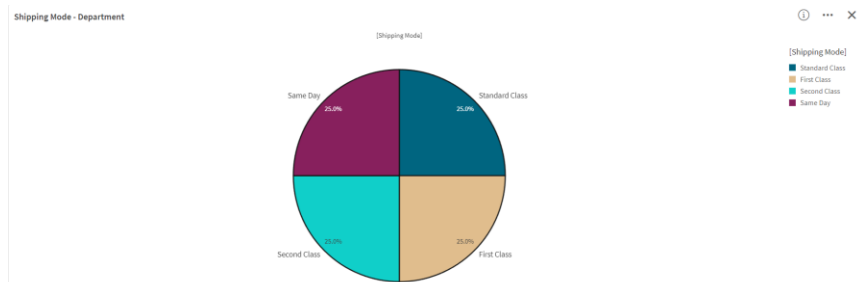


market Analysis

4. Pie Charts: Product sales Distribution, Shipping Mode Department

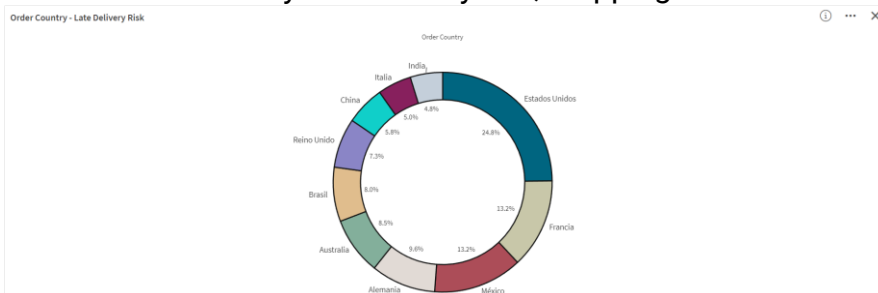


Product sales Distribution

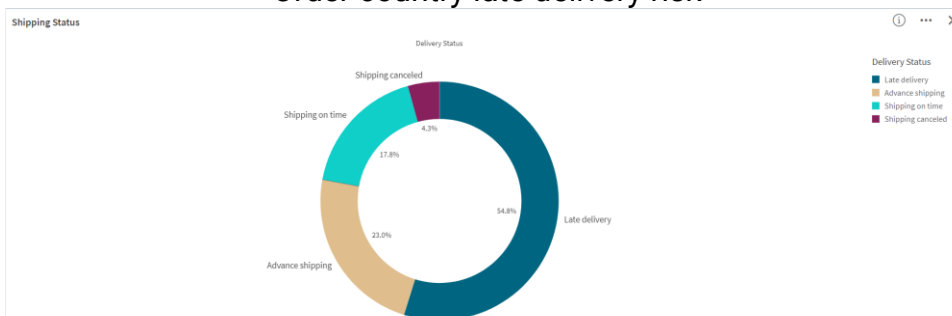


Shipping Mode Department

5. Donut Chart: Order country late delivery risk, Shipping Status



Order country late delivery risk





Shipping Status

6. Word Map: Categories



Categories

7. Filter Pane: Market and Shipping Mode

 Market	 Shipping Mode
Pacific Asia	Standard Class
USCA	First Class
Africa	Second Class
Europe	Same Day
LATAM	
Market	Shipping Mode