Project 3:
Supply Chain Management Dashboard

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Introduction

- Supply Chain Management Dashboard is designed to offer a distinctive view of the Supply Chain financial performance of a business

- Supply Chain Management Dashboard created with the assistance of Data Visualization Tool named Tableau

- Dashboard as earlier mentioned gives an overview of the financial performance across various Cities and by the Transportation modes for increasing the Supply Chain profitability.

Data Sources

- Data Visualization tools used for creating Supply Chain Management Dashboard is named as Tableau.

- Dataset is available, provided by a link. Dataset can be utilized for the creation of the Supply Chain Management Report.

- Connect to Data: Open Tableau, click connect, and import the dataset (CSV, Excel, or Database)

Key Metrics

Supply Chain Management Dashboard highlights the following key performance indicators such as:

- Total Revenue Generated

- Total Orders Quantity

- Total Availability

- Production Volumes

Total Revenue Generated	Total Orders Quantity	Total Availability	Production Volumes
$577,605	4,922	4,840	56,784

Outcomes: Supply Chain Management Performance

Supply Chain Management Dashboard

Total Revenue Generated	Total Orders Quantity	Total Availability	Production Volumes
$577,605	4,922	4,840	56,784

Location
- (All)
- Bangalore
- Chennai
- Delhi

Transportation modes
- (All)
- Air
- Rail
- Road

City wise Product Sold

Location
- Kolkata: 12,770
- Delhi: 9,715
- Mumbai: 9,426
- Chennai: 8,768
- Bangalore: 5,420
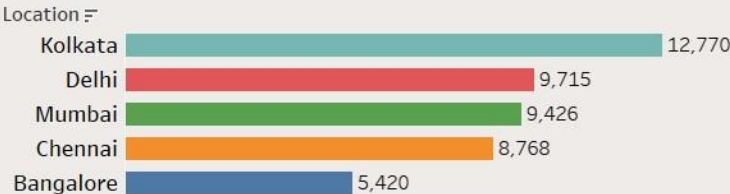
Product wise Revenue generated

Product type
- cosmetics: $161,521
- haircare: $174,455
- skincare: $241,628

Shipping Costs by Transportation Modes

Transportation modes
- Road: $160.72
- Air: $156.46
- Rail: $153.13
- Sea: $84.49

Order Quantities by Transportation Modes

- Sea: 853
- Air: 1,341
- Road: 1,386
- Rail: 1,342
- Total Order: 4,922
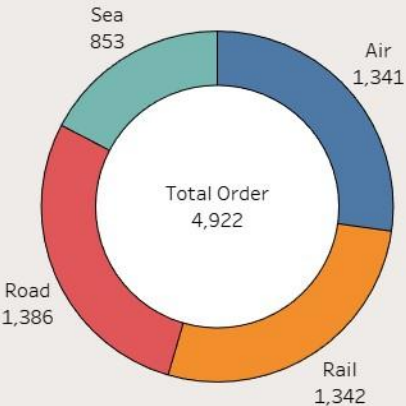
State wise Revenue generated

- Mumbai: $137,755
- Bangalore: $102,602
- Chennai: $119,143
- Delhi: $81,028
- Kolkata: $137,078
- Total Revenue: $577,605
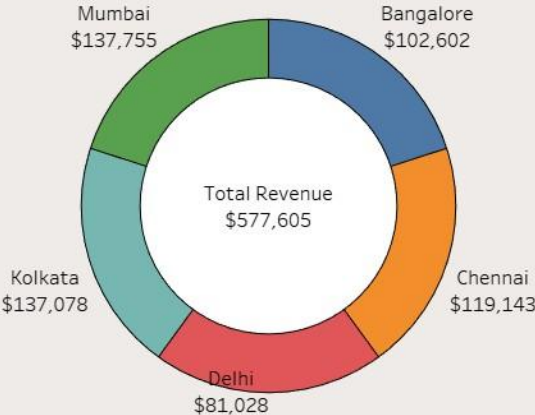
Manufacturing Costs by Product Type and Location

Product type / Location: cosmetics, haircare, skincare
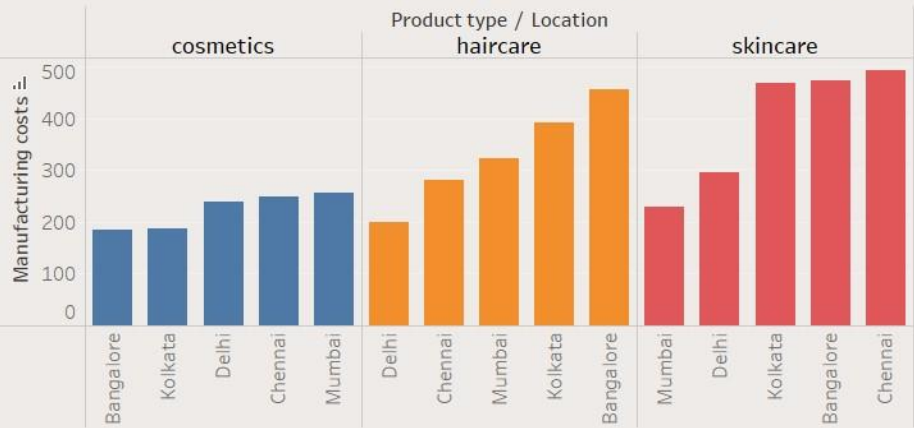
Conclusion

- Supply Chain Management Dashboard provides insights related to the financial performance of a business across different cities and by the Transportation Modes, with the assistance of the key financial metrics such as Total Revenue Generated, Total Orders Quantity, Total Availability, and Production Volumes.

- Necessary adjustments can be made to improve the performance of the productivity of the business across different cities, by predicting the financial performance of the products, which can be estimated by observing the Supply Chain Management Dashboard.