

Dataset Overview

Row ID: int64

Order Priority: object

Discount: float64

Unit Price: float64

Shipping Cost: float64

Customer ID: int64

Customer Name: object

Ship Mode: object

Customer Segment: object

Product Category: object

Product Sub-Category: object

Product Container: object

Product Name: object

Product Base Margin: float64

Country: object

Region: object

State or Province: object

City: object

Postal Code: int64

Order Date: object

Ship Date: object

Profit: float64

Quantity ordered new: int64

Sales: float64

Order ID: int64

Summary Statistics

Row ID:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 19916.47950819672, 'std': 5957.5956}
Order Priority:	{'count': 1952, 'unique': 6, 'top': 'Low', 'freq': 398, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Discount:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 0.04897540983606557, 'std': 0.0313}
Unit Price:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 109.07922131147541, 'std': 393.48}
Shipping Cost:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 12.9681506147541, 'std': 17.41}
Customer ID:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 1735.376536885246, 'std': 991.0}
Customer Name:	{'count': 1952, 'unique': 1130, 'top': 'Jenny Gold', 'freq': 9, 'mean': nan, 'std': nan, 'min': nan}
Ship Mode:	{'count': 1952, 'unique': 3, 'top': 'Regular Air', 'freq': 1437, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Customer Segment:	{'count': 1952, 'unique': 4, 'top': 'Corporate', 'freq': 684, 'mean': nan, 'std': nan, 'min': nan}
Product Category:	{'count': 1952, 'unique': 3, 'top': 'Office Supplies', 'freq': 1071, 'mean': nan, 'std': nan, 'min': nan}
Product Sub-Category:	{'count': 1952, 'unique': 17, 'top': 'Paper', 'freq': 284, 'mean': nan, 'std': nan, 'min': nan}
Product Container:	{'count': 1952, 'unique': 7, 'top': 'Small Box', 'freq': 991, 'mean': nan, 'std': nan, 'min': nan}
Product Name:	{'count': 1952, 'unique': 913, 'top': 'Bevis 36 x 72 Conference Tables', 'freq': 9, 'mean': nan, 'std': nan, 'min': nan}
Product Base Margin:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 0.515266393442623, 'std': nan}
Country:	{'count': 1952, 'unique': 1, 'top': 'United States', 'freq': 1952, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Region:	{'count': 1952, 'unique': 4, 'top': 'Central', 'freq': 566, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
State or Province:	{'count': 1952, 'unique': 49, 'top': 'California', 'freq': 214, 'mean': nan, 'std': nan, 'min': nan}
City:	{'count': 1952, 'unique': 869, 'top': 'New York City', 'freq': 47, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Postal Code:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 51534.76946721312, 'std': 29362}
Order Date:	{'count': 1952, 'unique': 179, 'top': '4/9/2015', 'freq': 28, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Ship Date:	{'count': 1952, 'unique': 187, 'top': '1/8/2015', 'freq': 23, 'mean': nan, 'std': nan, 'min': nan, '25%': nan}
Profit:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 114.79385852218238, 'std': 1141.11238}
Quantity ordered new:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 12.944672131147541, 'std': nan}
Sales:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 985.8288319672131, 'std': 2559.900166}
Order ID:	{'count': 1952.0, 'unique': nan, 'top': nan, 'freq': nan, 'mean': 82365.92418032787, 'std': 19042.29}

Trends and Recommendations

Row ID: No clear trend

Discount: No clear trend

Unit Price: No clear trend

Shipping Cost: No clear trend

Customer ID: No clear trend

Product Base Margin: No clear trend

Postal Code: No clear trend

Profit: No clear trend

Quantity ordered new: No clear trend

Sales: No clear trend

Order ID: No clear trend

Column 'Unit Price' shows higher mean than median; consider outlier analysis.

Column 'Shipping Cost' shows higher mean than median; consider outlier analysis.

Column 'Postal Code' shows higher mean than median; consider outlier analysis.

Column 'Profit' shows higher mean than median; consider outlier analysis.

Column 'Quantity ordered new' shows higher mean than median; consider outlier analysis.

Column 'Sales' shows higher mean than median; consider outlier analysis.

Visualizations

