Data Analysis Report

- The data file was successfully loaded.
- Empty rows and columns were completely removed.
- Missing values were filled with 0 or 'undefined' based on column type.
- Statistical analysis was performed on numeric columns only.
- A bar chart was generated for the most frequent categorical column.

Missing Values Before Cleaning

Column	Missing Before
Order ID	10
Order Date	10
Customer ID	60
Region	60
Product ID	10
Category	60
Quantity	60
Unit Price	60
Total Price	10

Missing Values After Cleaning

Column	Missing After
order_id	0
order_date	0
customer_id	0
region	0
product_id	0
category	0
quantity	0
unit_price	0
total_price	0

Statistical Summary (Numeric Columns)

Metric	quantity	unit_price	total_price
count	990.0	990.0	990.0
mean	4.63	235.6	1188.46
std	2.72	147.95	964.89
min	0.0	0.0	13.92
25%	2.0	102.48	405.67
50%	5.0	233.71	942.45
75%	7.0	360.98	1743.84
max	9.0	499.67	4479.93

Most Frequent Category Chart

Top values in 'region'