Data Analysis Report

Generated on: 2025-01-09 18:11:29

Analyzed Columns: Discount, Product Base Margin, Profit, Sales

Key Findings:
- Analysis of 4 selected columns from 1952 records
- No significant trends detected
- Consider investigating outliers in Discount

Detailed Insights:

- Analysis of 4 selected columns from 1952 records
- Found 2 outliers in Discount
- High volatility detected in Discount (64.07%)
- Found 40 outliers in Profit
- Profit shows negative skewness (-2.61)
- High volatility detected in Profit (994.05%)
- Found 32 outliers in Sales
- Sales shows positive skewness (8.55)
- High volatility detected in Sales (259.67%)

Recommendations:

- Consider investigating outliers in Discount
- Monitor Discount for stability issues
- Consider investigating outliers in Profit
- Monitor Profit for stability issues
- Consider investigating outliers in Sales
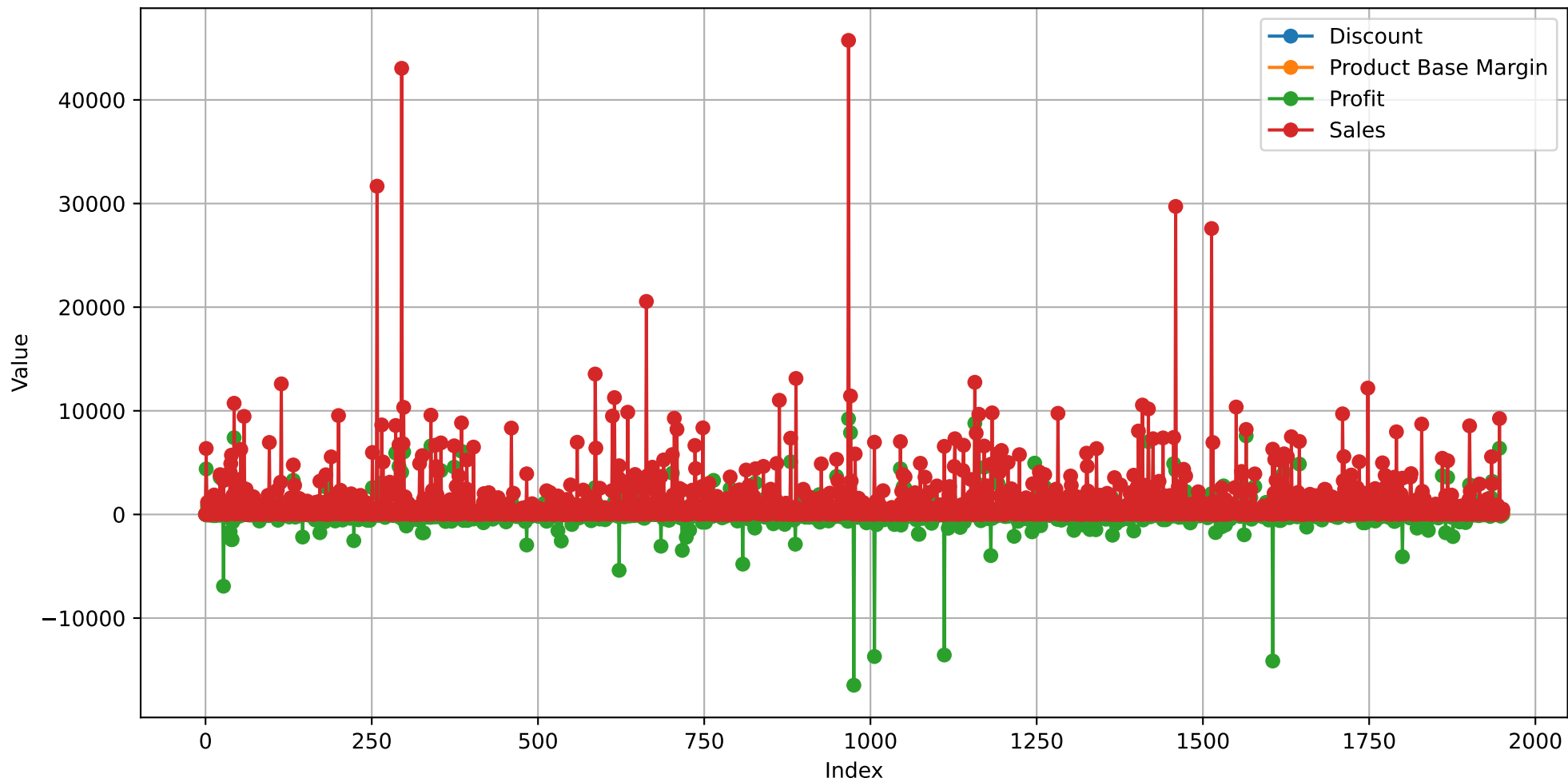- Monitor Sales for stability issues

Trends and Predictions:

Trends:

Predictions:
- Discount: [0.05, 0.05, 0.05, 0.05, 0.05]
- Profit: [132.79, 132.8, 132.82, 132.84, 132.86]
- Sales: [914.95, 914.88, 914.81, 914.74, 914.66]

Numeric Data Trends

Correlation Matrix