

Data Analysis Report

Generated on: 2025-01-09 17:26:06

Key Findings:

- Dataset contains 7 records and 5 columns
 - No significant trends detected
 - No immediate recommendations

Detailed Insights:

- Dataset contains 7 records and 5 columns
- Most common Date: 2023-01-01 (1 occurrences)
- Most common Region: North (2 occurrences)
- Strong correlation (0.87) between Sales and Marketing_Spend
- Strong correlation (0.97) between Sales and Profit
- Strong correlation (0.90) between Marketing_Spend and Profit

Recommendations:

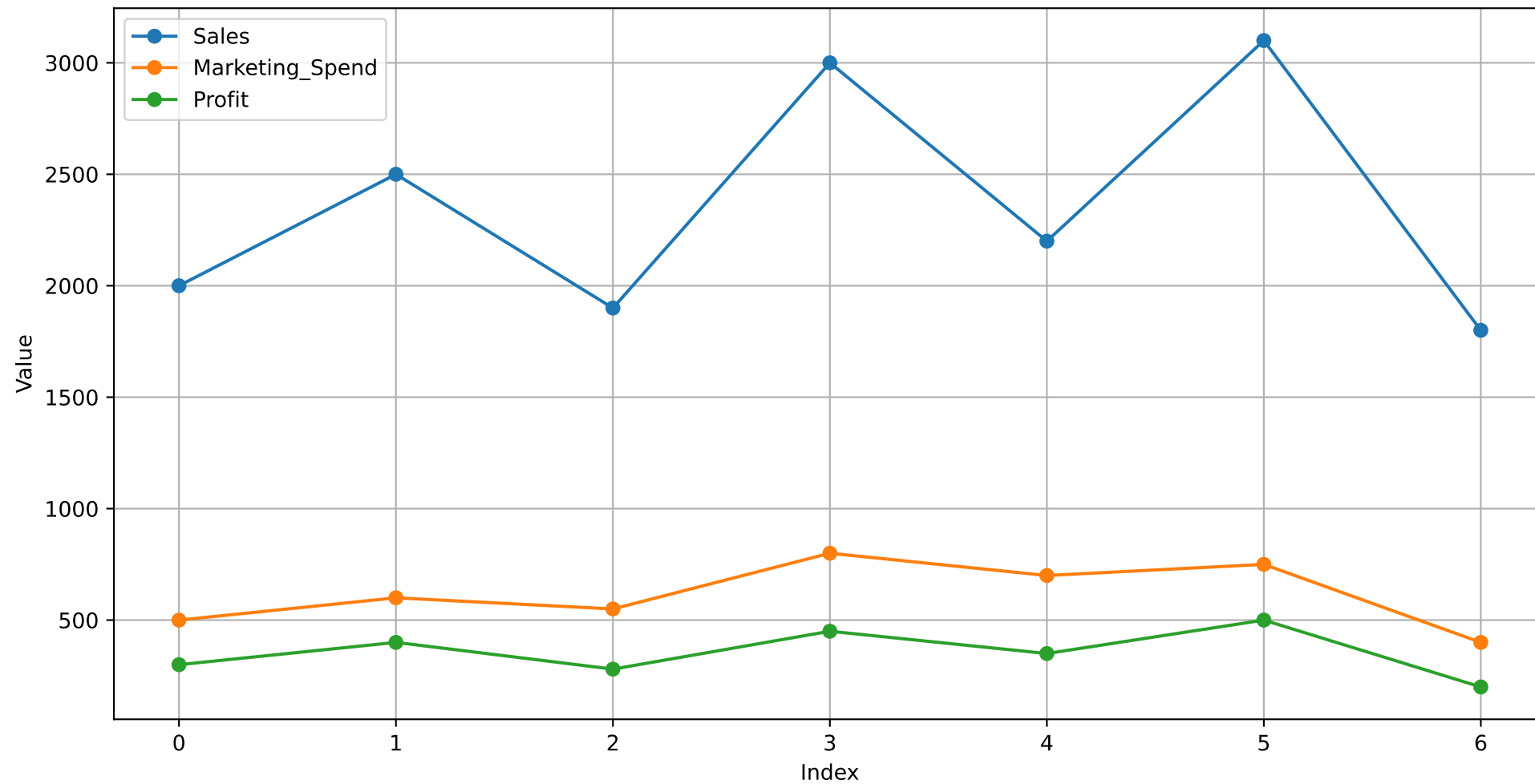
Trends and Predictions:

Trends:

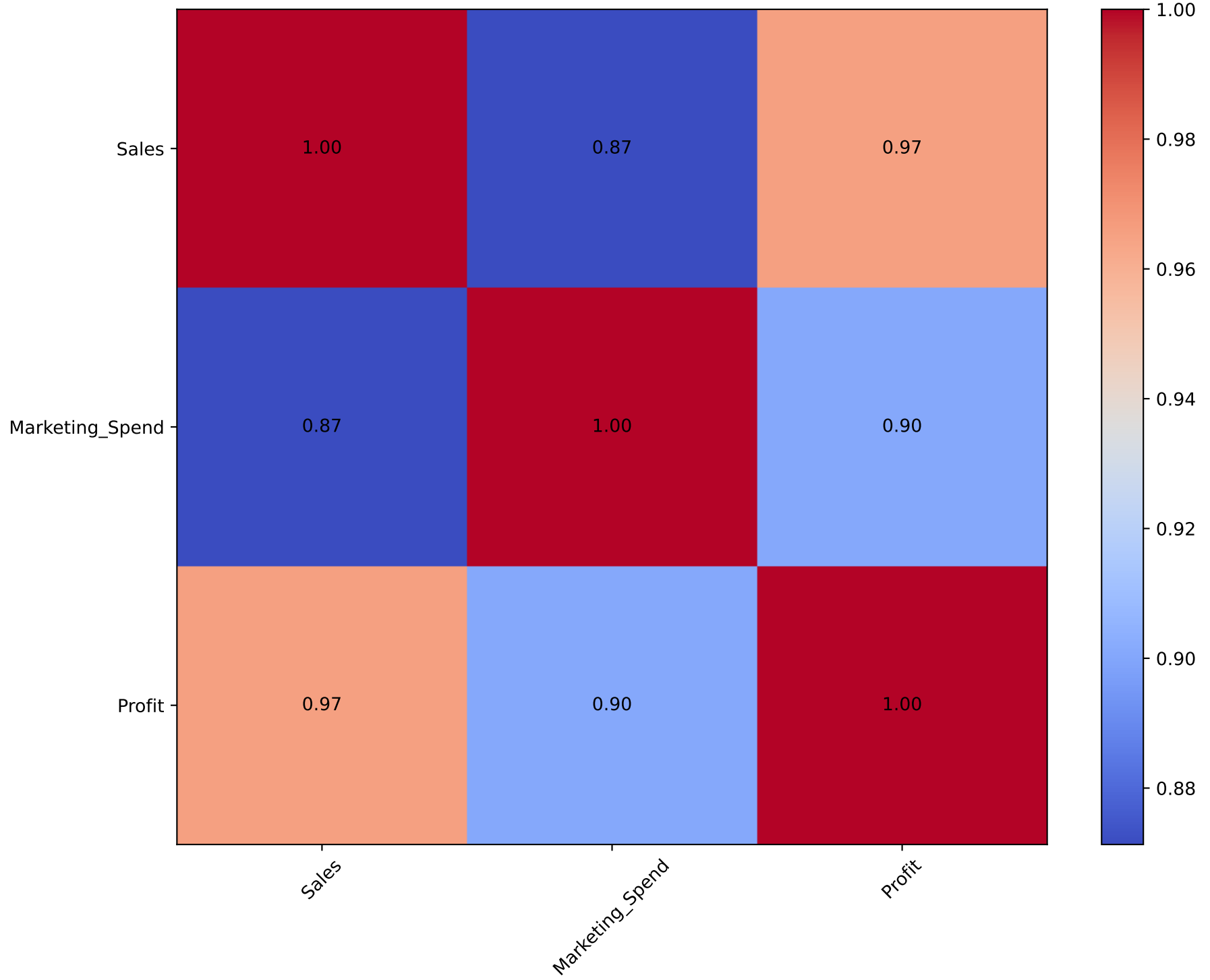
Predictions:

- Predicted next 5 values for Sales: [2485.71, 2517.86, 2550.0, 2582.14, 2614.29]
- Predicted next 5 values for Marketing_Spend: [635.71, 641.07, 646.43, 651.79, 657.14]
- Predicted next 5 values for Profit: [350.0, 348.93, 347.86, 346.79, 345.71]

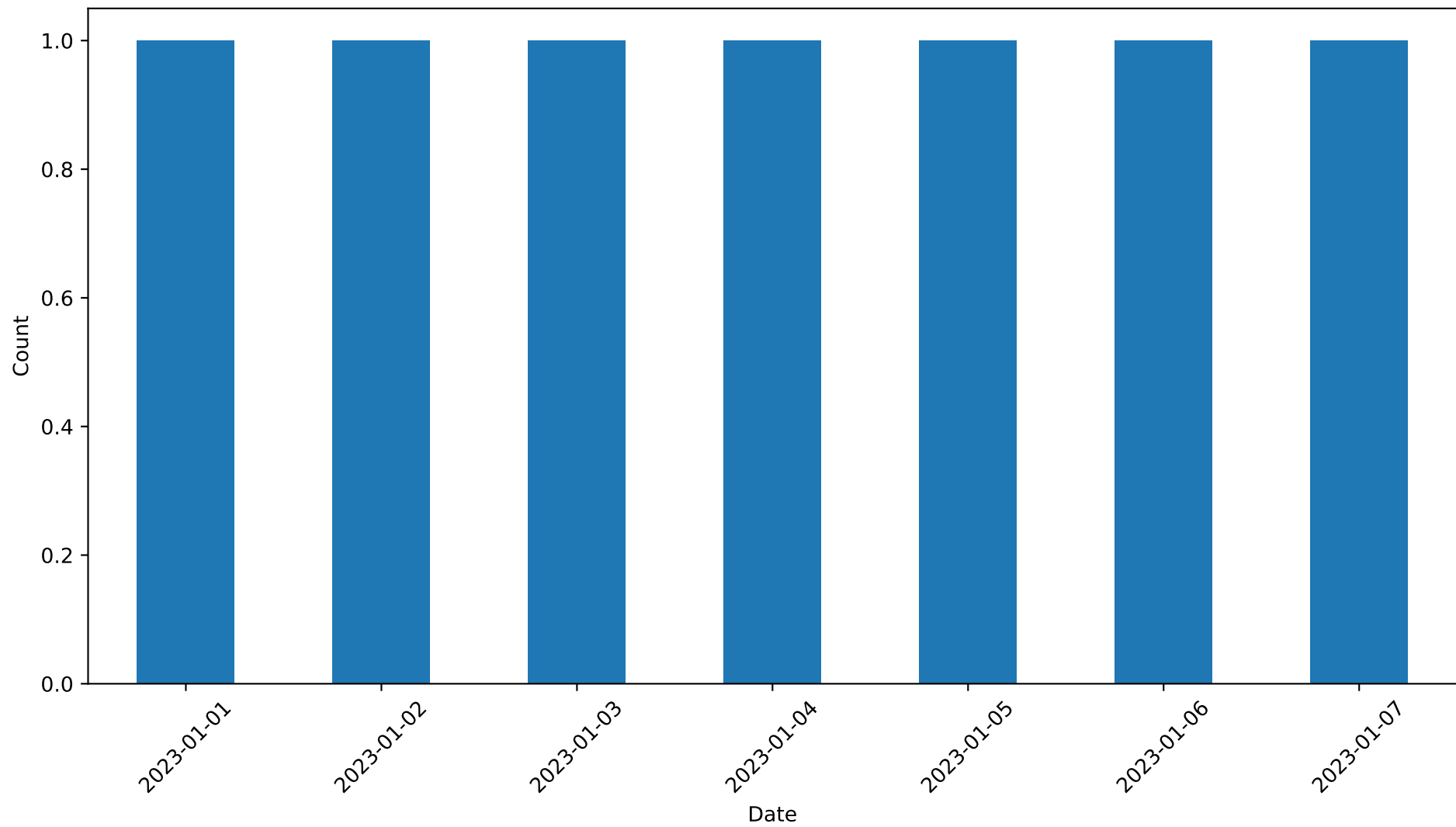
Numeric Data Trends



Correlation Matrix



Distribution of Date



Distribution of Region

