

Data Analysis Report

Generated on: 2025-01-09 16:46:21

Key Findings:

- Dataset contains 150 records and 5 columns
- Strong upward trend detected in sepal_length
- Consider investigating outliers in sepal_width

Detailed Insights:

- Dataset contains 150 records and 5 columns
- Found 1 outliers in sepal_width
- Most common species: setosa (50 occurrences)
- Strong correlation (0.87) between sepal_length and petal_length
- Strong correlation (0.82) between sepal_length and petal_width
- Strong correlation (0.96) between petal_length and petal_width

Recommendations:

- Consider investigating outliers in sepal_width

Trends and Predictions:

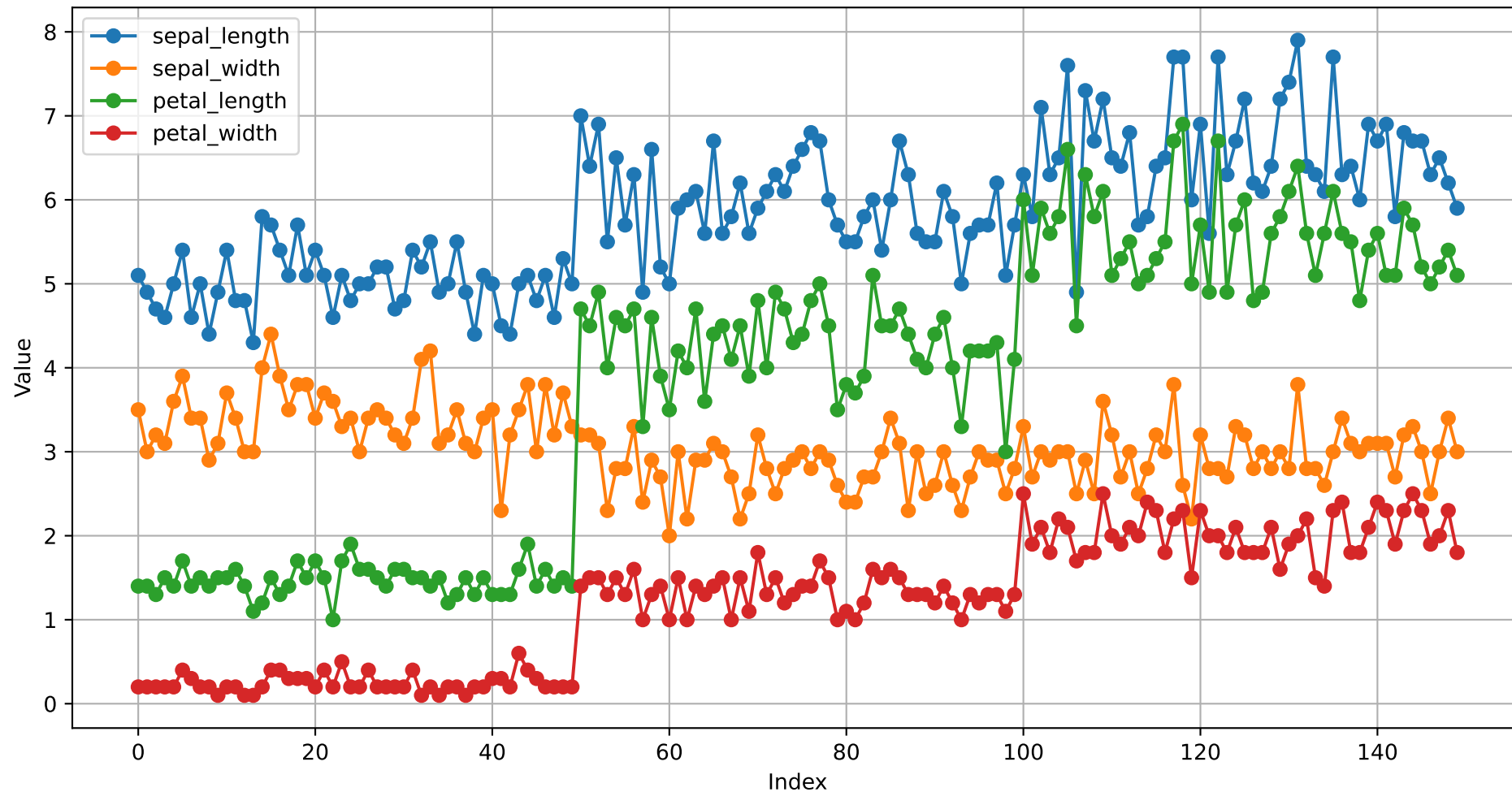
Trends:

- Strong upward trend detected in sepal_length
- Strong upward trend detected in petal_length
- Strong upward trend detected in petal_width

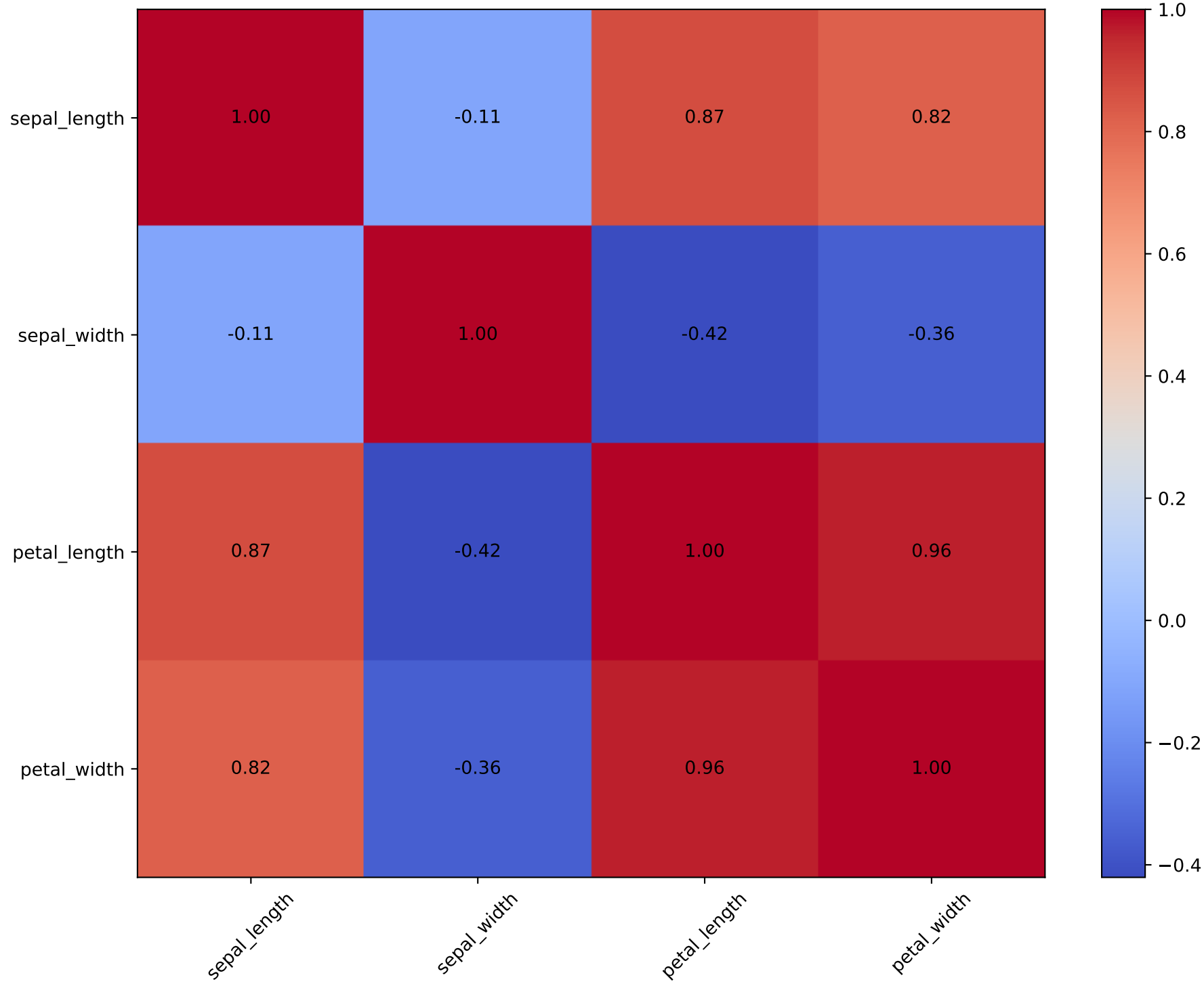
Predictions:

- Predicted next 5 values for sepal_length: [6.87, 6.89, 6.9, 6.92, 6.93]
- Predicted next 5 values for sepal_width: [2.75, 2.75, 2.75, 2.74, 2.74]
- Predicted next 5 values for petal_length: [6.47, 6.5, 6.54, 6.57, 6.61]
- Predicted next 5 values for petal_width: [2.39, 2.41, 2.42, 2.44, 2.46]

Numeric Data Trends



Correlation Matrix



Distribution of species

