

# Data Analysis Report

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## 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:

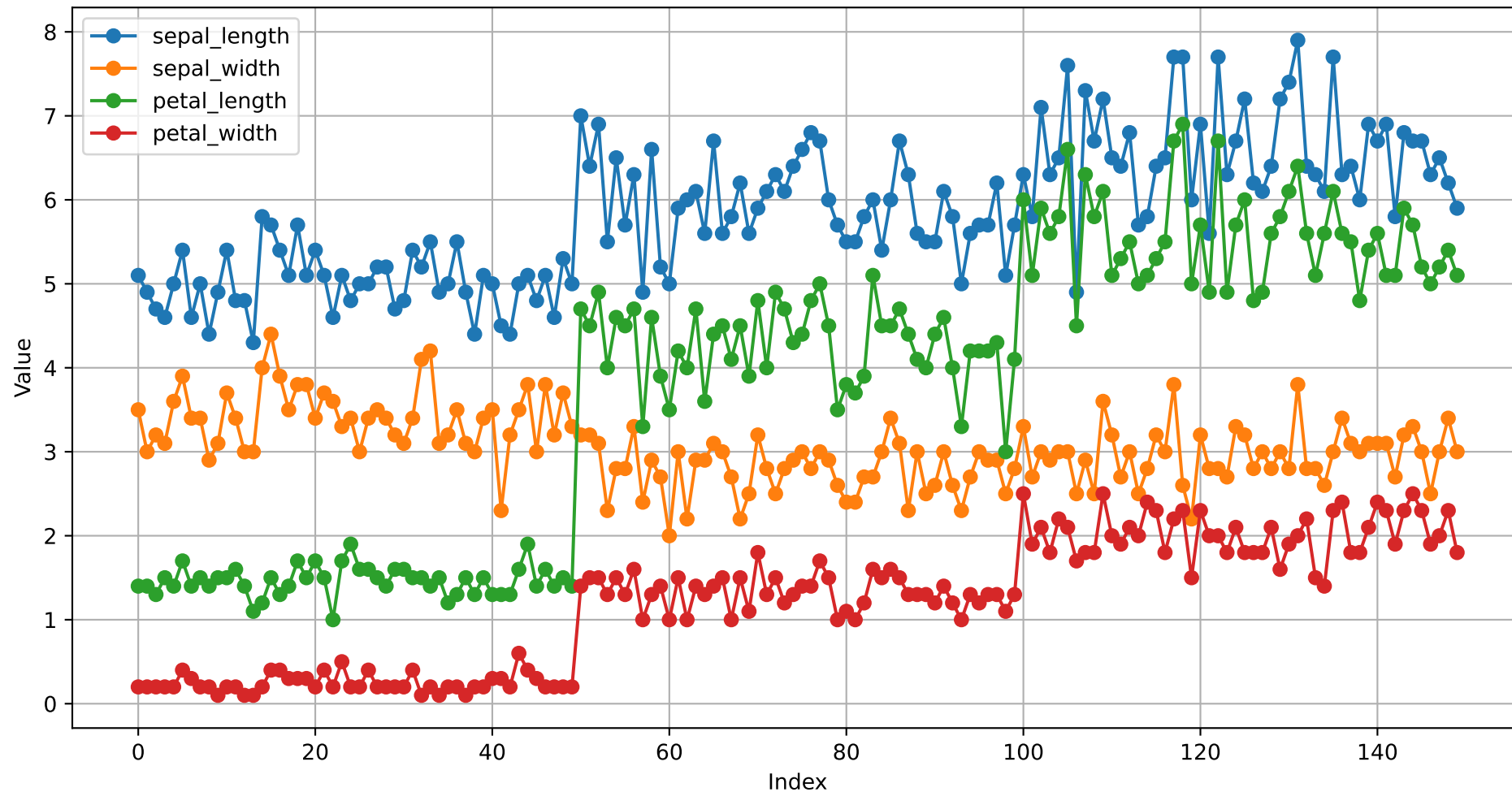
### Trends:

- Strong upward trend detected in sepal\_length
- Strong upward trend detected in petal\_length
- Strong upward trend detected in petal\_width

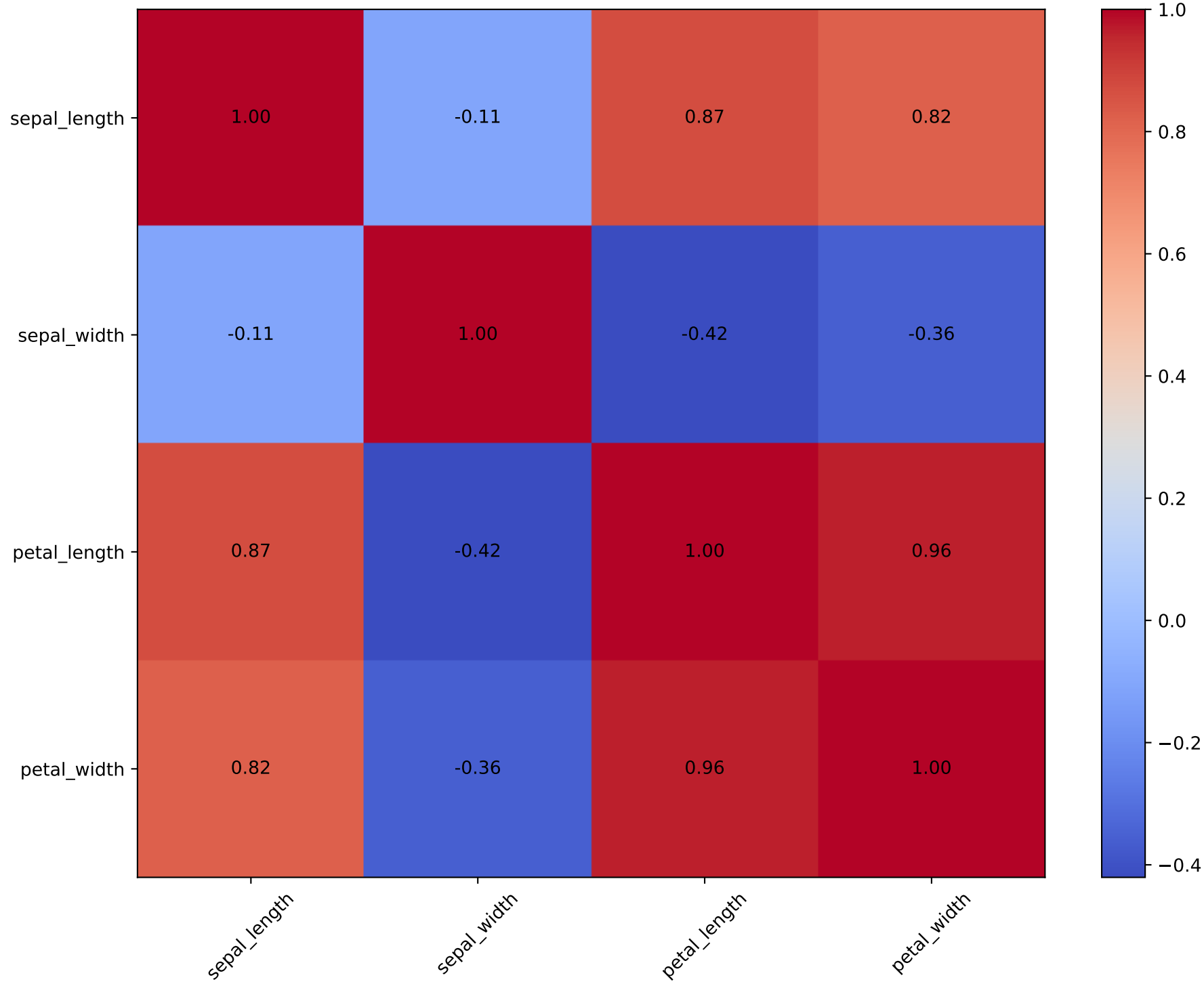
### Predictions:

- 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

