

Iris Dataset Analysis

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Introduction

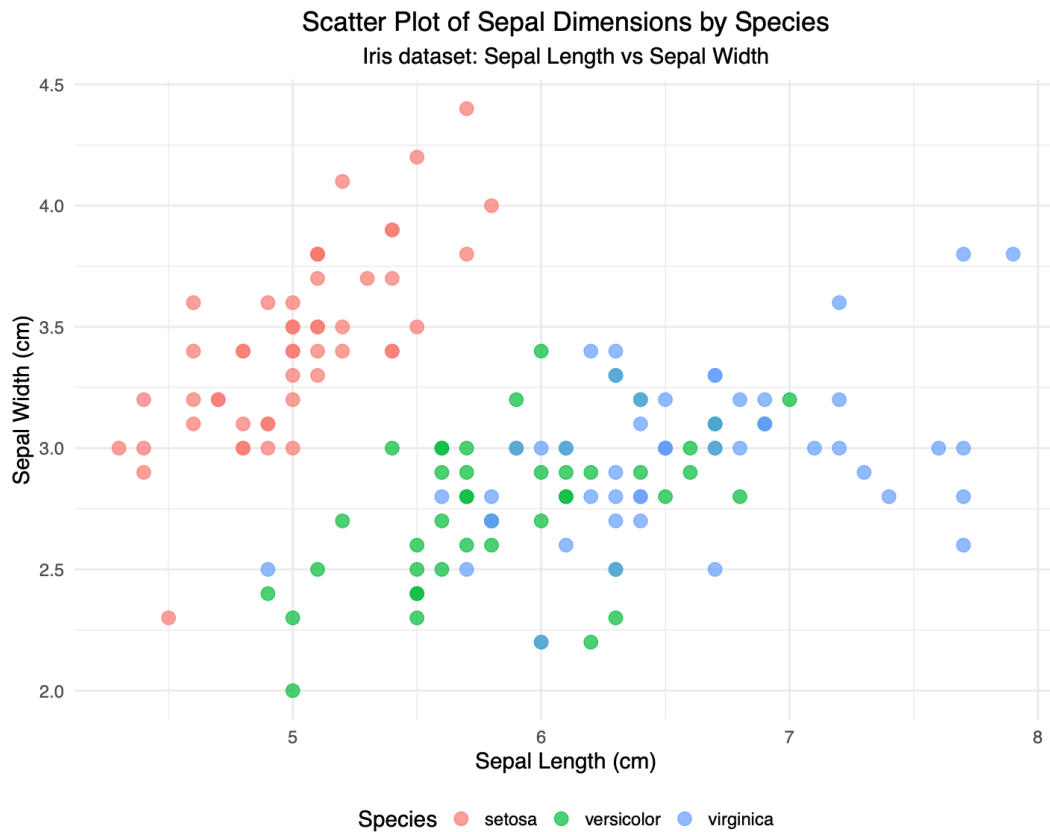
We have used the **iris** dataset for this project, which is available in the **datasets** package in R. This dataset contains measurements of various attributes for different species of iris flowers.

Approach

I utilized the **ggplot2** package in R to create a scatter plot illustrating the relationship between the **Sepal Length** and **Sepal Width** of iris flowers. The **iris** dataset contains 150 observations of iris flowers, with 50 observations each for three different species: *setosa*, *versicolor*, and *virginica*.

Plot

Below is a plot showing the relationship between the **Sepal Length** and **Sepal Width** of the iris flowers.



Description

The scatter plot visualizes the relationship between sepal length and sepal width for three species of the **Iris dataset**: *setosa*, *versicolor*, and *virginica*. Each point represents an individual flower, colored according to its species.

Key Observations:

1. Setosa (red points):

- Sepal length ranges from approximately 4.5 to 5.8 cm.
- Sepal width ranges from about 2.3 to 4.5 cm.