Creating an R Markdown Document

Thiyanga Talagala

1. Data Visualization

Data visualization is the graphical representation of information and data. This is important because it allows relationships of the data, trends and patterns to be more easily seen.

1.2 Data Description: `iris`

The Iris flower data set (also known as Fisher's Iris data set) is a multivariate data set introduced by the British statistician, eugenicist, and biologist Ronald Fisher.

1.2.1 Scatter plot

A scatter plot (aka scatter chart, scatter graph) uses dots to represent values for two different numeric variables.

```
library(ggplot2)
ggplot(iris, aes(x=Sepal.Length, y=Sepal.Width, colour=Species)) +
  geom_point() +
  coord_fixed(ratio=1.7) +
  scale_color_brewer(palette = "Dark2")
```