R Markdown to R Script

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# 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")

