

# Homework 1

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## Iris dataset

The **Iris** dataset contains the measurements of 50 different flowers belonging to three different species of iris:

- *Setosa*
- *Versicolor*
- *Virginica*

This data is available in Base R by using `data(iris)`.

The first few rows of the dataset are as follows:

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa

Here is a plot of two of the measures in the dataset: the *Sepal Length* and *Petal Length*. We can see that *Setosa* is considerably separated from the other species *Versicolor* and *Virginica*.

