

# Data Analytics and Econometrics with R

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## Introduction

This is the data analytics workshop where purpose is to do analysis with R by learning to solve our problems rather learning R! We wanted to learn tidyverse some useful commands which help to solve 80% of data related issues. Though its not focused on modeling but the stuff in it is prerequisite to make sense of data and to preare for empirical modeling. Focus will be make all workshop easily reproducible so that participants can practice at their own whenever they need. If you've not been an R user don't sweat as you do **NOT** need to use it at all! One can use it as per one's requirement :)

## Objectives

- 1. Under taxonomy of data.
- 2. Data cleaning, wrangling, visualization, summarisation.
- 3. Introduction to Quarto for beautiful reports!

## Results

Here you may have some figures to show off, bellow I have made a scatterplot with the infamous Iris dataset and I can even reference to the figure automatically like this, `Figure \@ref(fig:irisfigure)`, Figure 1.

Learn Data Analytics with R + Quarto  
Markdown. register here

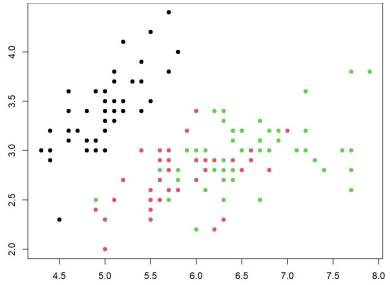


Figure 1: Here is a caption for the figure. This can be added by using the "fig.cap" option in the r code chunk options, see this link from the legend himself, Yihui Xie.

Maybe you want to show off some of that fancy code you spent so much time on to make that figure, well you can do that too! Just use the `echo=TRUE` option in the r code chunk options, Figure 2!

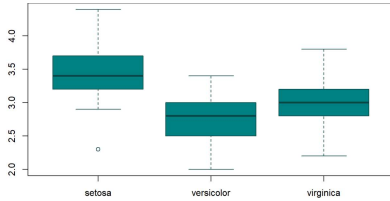


Figure 2: Boxplots, so hot right now!

How about a neat table of data? See, Table 1:

Table 1: A table made with the `knitr::kable` function.

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
4.6	3.4	1.4	0.3	setosa
5.0	3.4	1.5	0.2	setosa

## References