

# 1.3.1: Introduction to the R and R Studio (Asynchroumous-Online)

## Session Objectives

1. Get acquainted with R and R Studio
2. Write simple R code in Console
3. Create your first R script
4. Install and load R packages (understand R session)
5. Create your first R Markdown report and produce output files in different formats (HTML, PDF, or DOCX)

## Pework - Before You Begin

some info

### Note

R is the name of the programming language itself and RStudio is a convenient interface, commonly referred to as an integrated development environment or an IDE, for short.

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info here

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some info

#### section 1

summary function

```
summary(cars)
```

speed		dist	
Min.	: 4.0	Min.	: 2.00
1st Qu.	:12.0	1st Qu.	: 26.00
Median	:15.0	Median	: 36.00
Mean	:15.4	Mean	: 42.98
3rd Qu.	:19.0	3rd Qu.	: 56.00
Max.	:25.0	Max.	:120.00

#### figures

making simple plots

#### Code

```
library(ggplot2)
library(dplyr)

ggplot(pressure, aes(temperature, pressure)) +
  geom_point() +
  geom_line(color = "blue") +
  ggtitle("My plot title")
```

## Plot

