Assignment 1 - Set the foundations

Your Name

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## Goal

For this task we will construct a generic folder/filing structure that aligns with our own work.

## Tasks

1. Create a new folder on your harddrive
   1. Give it an informative machine- and human-readable name
   2. Create a subfolder for data/raw data
   3. Create a subfolder to hold your R scripts
   4. Create further folders that will hold the range of files you will be creating
2. Create a R-project file to associate with the folder structure
3. Place a raw data file in the data/raw\_data folder
   1. This can be a ‘messy’ data file you wish to work on
   2. This can be a file that comes with a R package
4. Write 2-3 basic R scripts that;
   1. Read in the data to your environment
   2. Uses ggplot to generate a simple figure
   3. Creates a simple table summarising the data
5. Attempt to link the R script that will read in your data to the other R scripts for plotting and summarising the data

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