

Rworksheet_Barrientos#4C

Barrientos, Milfrance D.

11/03/2024

```
#1. Use the dataset mpg
```

```
library(ggplot2)
```

```
library(dplyr)
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
## filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## intersect, setdiff, setequal, union
```

```
data(mpg)
```

```
mpg
```

```
## # A tibble: 234 x 11
```

```
##   manufacturer model      displ  year   cyl trans drv      cty   hwy fl      class
```

```
##   <chr>          <chr>    <dbl> <int> <int> <chr> <chr> <int> <int> <chr> <chr>
```

```
## 1 audi          a4        1.8  1999   4 auto~ f      18    29 p    comp~
```

```
## 2 audi          a4        1.8  1999   4 manu~ f      21    29 p    comp~
```

```
## 3 audi          a4        2    2008   4 manu~ f      20    31 p    comp~
```

```
## 4 audi          a4        2    2008   4 auto~ f      21    30 p    comp~
```

```
## 5 audi          a4        2.8  1999   6 auto~ f      16    26 p    comp~
```

```
## 6 audi          a4        2.8  1999   6 manu~ f      18    26 p    comp~
```

```
## 7 audi          a4        3.1  2008   6 auto~ f      18    27 p    comp~
```

```
## 8 audi          a4 quattro 1.8  1999   4 manu~ 4      18    26 p    comp~
```

```
## 9 audi          a4 quattro 1.8  1999   4 auto~ 4      16    25 p    comp~
```

```
## 10 audi         a4 quattro 2    2008   4 manu~ 4      20    28 p    comp~
```

```
## # i 224 more rows
```

```
#a. Show your solutions on how to import a csv file into the environment.
```

```
#install.packages("readr")
```

```
library(readr)
```

```
data <- read_csv("C:/PROJ/mpg.csv", show_col_types = FALSE)
```

```
## New names:
```

```
## * ' ' -> '...1'
```

data

```
## # A tibble: 234 x 12
##   ...1 manufacturer model      displ  year   cyl trans drv      cty   hwy fl
##   <dbl> <chr>         <chr>    <dbl> <dbl> <dbl> <chr> <chr> <dbl> <dbl> <chr>
## 1     1     1 audi         a4        1.8  1999     4 auto~ f      18    29 p
## 2     2     2 audi         a4        1.8  1999     4 manu~ f      21    29 p
## 3     3     3 audi         a4         2   2008     4 manu~ f      20    31 p
## 4     4     4 audi         a4         2   2008     4 auto~ f      21    30 p
## 5     5     5 audi         a4        2.8  1999     6 auto~ f      16    26 p
## 6     6     6 audi         a4        2.8  1999     6 manu~ f      18    26 p
## 7     7     7 audi         a4        3.1  2008     6 auto~ f      18    27 p
## 8     8     8 audi         a4 quattro 1.8  1999     4 manu~ 4      18    26 p
## 9     9     9 audi         a4 quattro 1.8  1999     4 auto~ 4      16    25 p
## 10    10    10 audi         a4 quattro 2     2008     4 manu~ 4      20    28 p
## # i 224 more rows
## # i 1 more variable: class <chr>
```