

Untitled

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Today's outline

- ▶ Importing data
 - ▶ Excel/CSV
 - ▶ RData
- ▶ RProjects
- ▶ Data Types
 - ▶ Characters
 - ▶ Strings
 - ▶ Logicals
- ▶ Common Statistics
- ▶ Piping (magrittr package)
- ▶ Some coding to start practicing..

Importing Data

R works with “libraries” (packages)



Importing Data:

Before, just in case: Clean the enviroment (erasing pre-existing stuff)

```
rm(list = ls())
```

Importing Data

R Projects!

Let's create an R Project!

Why?

Extremely convenient for file path management and collaboration!

Where are we working?

```
## [1] "/Users/macintosh/Documents/GitHub/data_hack_2022/s1"
```

Imagine we need to load some data from

Slide with R Output

```
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 |

Slide with Plot

