

# An Introduction to R

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# About DataCamp

- ▶ Online Data Science School
- ▶ *300,000 registered users*
- ▶ Video lessons and coding challenges
  - ▶ In-browser, self-paced
- ▶ Instructors from Princeton, Harvard, Duke etc.
- ▶ [www.datacamp.com/demo](http://www.datacamp.com/demo)

# About the Workshop

- ▶ Basic intro to R
- ▶ Practice with mini-course
- ▶ Case Study
- ▶ Questions? Yes please!

- ▶ Language for Statistical Computing
- ▶ New Zealand, 90s
- ▶ Open source
- ▶ Command-Line > Point and click
- ▶ Share code through R scripts and packages
- ▶ Huge vibrant online community
- ▶ Great for visualization
- ▶ Has to fit in the main memory

# Get Started!

- ▶ Install R: <https://cran.rstudio.com/>
- ▶ Install RStudio: <https://www.rstudio.com/products/rstudio/download/>
- ▶ Download zip: [bit.ly/ulyssis](https://bit.ly/ulyssis) (GitHub)
- ▶ Unzip
- ▶ Open up RStudio
- ▶ Set working directory to point to unzipped folder