



*Welcome
to the
Show*

Who Am I?

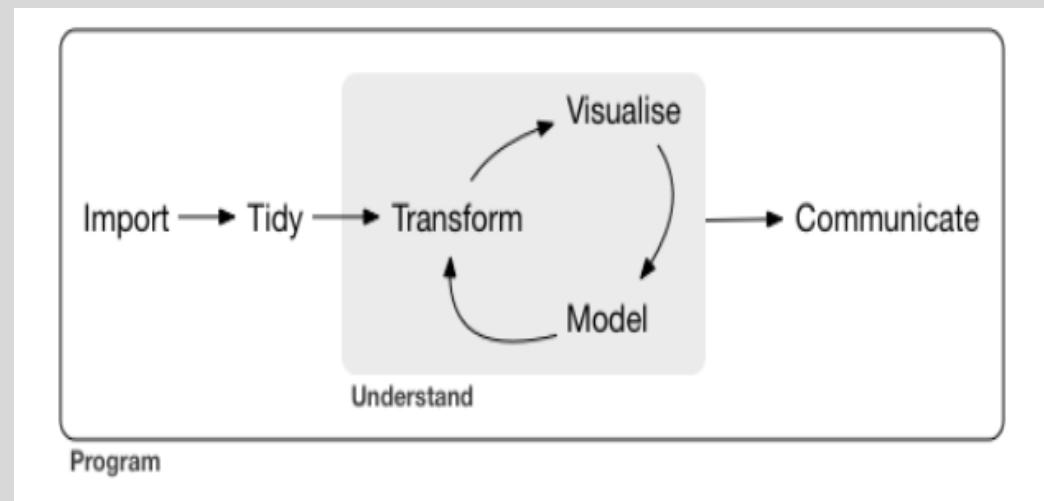


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- Origin: Cleveland, OH
- Undergrad: Baldwin-Wallace
- Grad: Arizona State University
- Research Info

Why Are We
Here?



Data Science



Definition: The easiest part of research

What Will We Do?

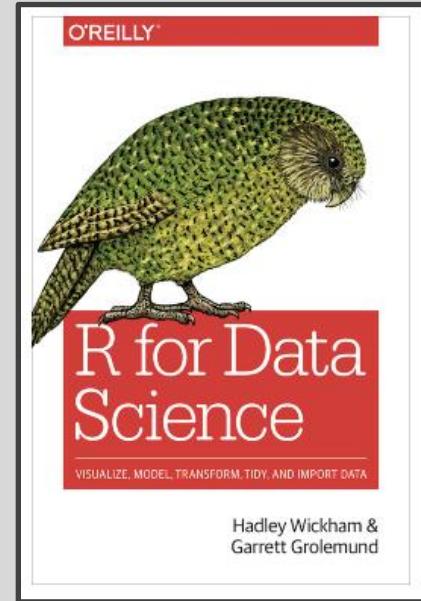


- Develop Skills that Turn into \$\$\$
 - Computer Programming
 - Statistical Analyses
 - Written and Verbal Communication Skills
 - Creativity and Innovation

What is Needed?



- Textbook:
1st Edition



- Computer: We will actively use our laptops in every class.
- R and RStudio Installed and Operational
- High Tolerance for Pain and Agony

What Will We Do?



- Lectures (Some In-Class Coding)
- Labs – Work in Groups to Complete Coding Assignments
- Weekly Assignments
 - Labs
 - Homeworks (Optional)
 - Mini Projects
- Final Project
- R Markdown for Assignments

What Should You Do Next?



- Install R on Your Laptop
- Install Rstudio on Your Laptop
- Download the Textbook
 - R4DS
- Read the Introduction to R4DS

What Should You Do Next?



- Open Your First R Markdown File
 - [Video of RMarkdown](#)
 - First Assignment: HW1
 - Steps:
 - Watch Video and Read About Rmarkdown
 - Download HW1 Zipped Folder
 - Unzip Folder
 - Open HW1.Rmd in R Studio
 - Attempt to Knit the File to an HTML File and View
 - Read Book and Finish HW1

What Should You Do Next?

- Go to Canvas
- Explore Course Website
- Read Syllabus



Closing



Disperse
and Make
Reasonable
Decisions