



*Welcome to
the Show*

Who am I?



- Name: Mario Giacomazzo
- Origin: Cleveland, OH
- Undergrad: Baldwin-Wallace
- Grad: Arizona State University
- [Personal Website](#)
- Research Info

Who are you?

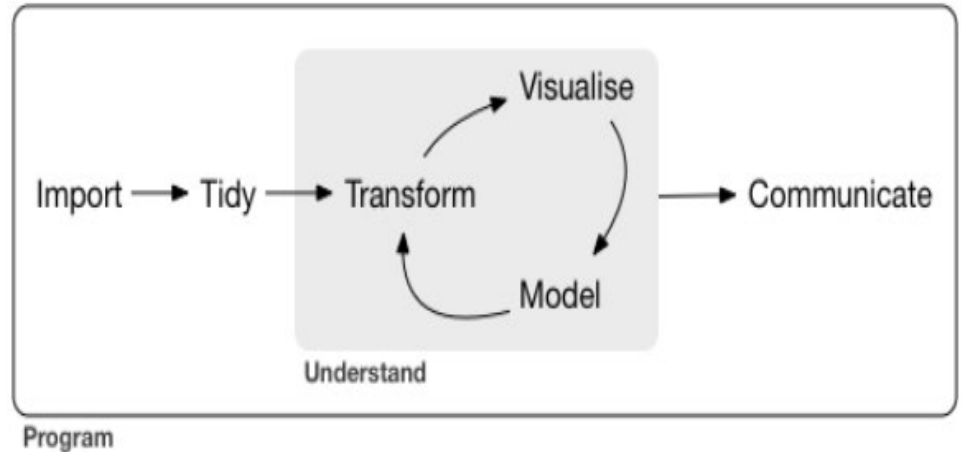


Survey

Why are We Here?



Data Science

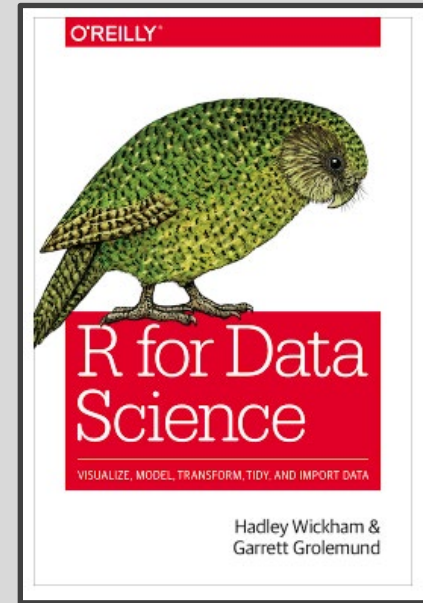


Definition: The easiest part of research

What do I Need?



- Textbook:



- 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?



- [Course Website and Syllabus](#)
- In-Class Coding
- Weekly Assignments
 - Lab Work
 - Homework
 - Data Analyses
- Learn and Use Rmarkdown
 - Submit through Sakai
 - Submit as HTML Files

What will We Do?



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

What Should I Do?



- [Install R on Your Laptop](#)
- [Install Rstudio on Your Laptop](#)
- Download the Textbooks
 - [R4DS](#)
 - [RP4DS](#)
 - [AoRP](#)
- Read the Introduction to R4DS
- Practice Programming with R for 10 minutes a day in RP4DS or AoRP

What Should I Do?



- Run Your First RMarkdown File
 - [Video of Rmarkdown](#)
 - First Assignment: [HW 1](#)
 - Steps:
 - Watch Video and Read About Rmarkdown
 - Open HW 1 Rmd File in R
 - Attempt to Knit the File to an HTML File and View
 - Read Book and Finish Lab 1

Closing?



Disperse
and Make
Reasonable
Decisions