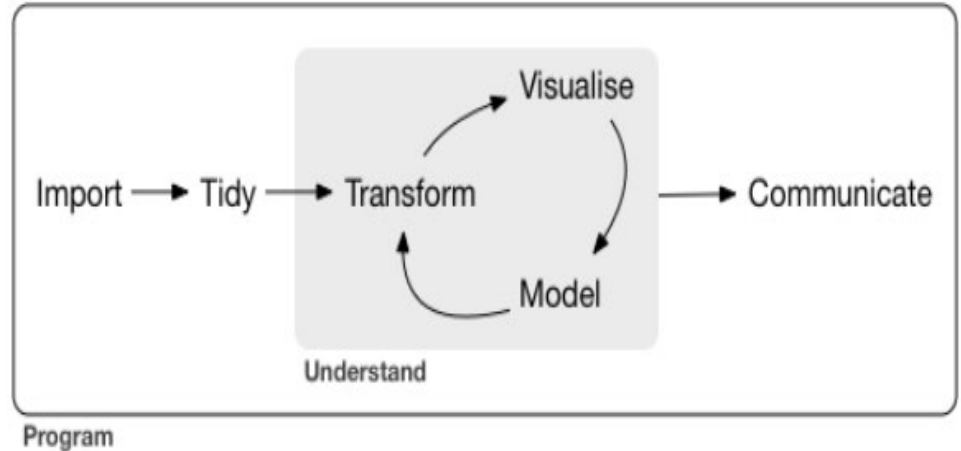# Welcome to the Show

Who Am I?

- Name: Mario Giacomazzo

- Origin: Cleveland, OH

- Undergrad: Baldwin-Wallace

- Grad: Arizona State University

- Personal Website

- Research Info

Why Are We Here?

Data Science

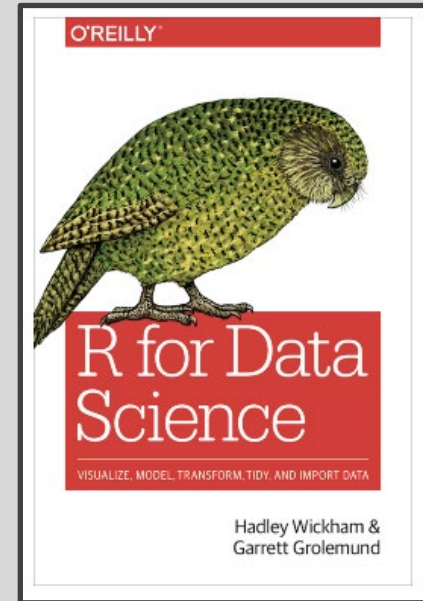*Definition: The easiest part of research*

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:

- 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?

- <u>Course Website and Syllabus</u>

- In-Class Coding

- Weekly Assignments
  - Labs (Attendance Required)
  - Homework
  - Analyses

- Final Project

- Learn and Use RMarkdown
  - Submit through Canvas
  - Submit as HTML Files

What Should I Do?

- [Install R on Your Laptop](#)

- [Install Rstudio on Your Laptop](#)

- Download the Textbook
  - [R4DS](#)

- Read the Introduction to R4DS

What Should I Do?

- Run Your First RMarkdown 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

Closing?

Disperse and Make Reasonable Decisions