Joins II

Joins Assignment

- Instructions
  - Download Analysis 2 Zip Folder
  - Unzip Folder
  - Open Analysis 2 Rmd File
  - Knit to HTML
  - Read Introduction

- Three Part Assignment
  - Each Part Self-Contained
  - Part 1: Gather/Spread
  - Part 2: Joins
  - Part 3: Webscraping

Part 1: Cholesterol

- Closely Examine Datasets
  - Cholesterol
  - Cholesterol2

- Goals
  - Clean Datasets Separately
  - Merge According to According to Brand

- Things to Consider
  - Experimental Dataset is the "Main" Dataset
  - Requires Knowledge of How to Merge When Variable Names are Different

Part 2: Crimes

- Goals
  - Attention to Detail
  - Merge All 5 Datasets
  - Practice with the Practical

- Things to Consider
  - Violent Crimes Data is the "Main" Dataset
  - Only Want Information for States Not Classified as Safe or Dangerous
  - Requires Cleaning

```
> ifelse(VAR=="OLD", "NEW", VAR)
```

  - Repeatedly Use View Function

Part 3: Wikipedia

- Goals
  - Search Through Wikipedia for a Table
  - Copy the URL to Rmd File
  - Describe Table
  - Scrape Table

- Things to Consider
  - Utilize Code from Webscraping Tutorial
  - Run Code in Parts
  - Check Final Table to Make Sure It Worked

Closing

Disperse and Make Reasonable Decisions