

What is R? Why R?

RStudio Tour

Analysis Example Introduction

Basics and Data Types

► **Data Structures**

Reading and Writing Files

Data Manipulation and Statistics

Visualization

Functions, Loops, and Conditionals

Data Frames

- Object to hold rectangular data sets
 - Rows are observations
 - Columns are variables
- Each column has one type of data in it
- Each row can have multiple types of data in it
- Columns are named; rows can be