

Week 1: Learning Objectives

Week 1

Introduction to the Course



Course Introduction: Motivation & Fundamentals

Laerd "Creating a New File", "Data Setup", "Types of Variable"

- Introduction to course goals
- Discussion of basic terms for course, including statistics, data, research, element, sample, population, variable
- Focus on why the subject of statistical research is so important for society today

Overview

- Theme for this week: construct a framework for proceeding with the course

Objectives

1. Define the basic rationale for the course
2. Explain why note-taking is such an important skill in general, and specifically in this class
3. Understand each of a set of basic terms we will use throughout the course
4. Know what course resources are available on the web
5. Understand the course grading scheme and expectations
6. Acquire a functional understanding of the basic terminology we introduce in class this week

Weekly To Do List

Try to complete these tasks in the following order this week:

1. Complete readings for this week (listed here in Canvas or in the syllabus) before the first class of the week
2. Complete the class wide discussion question provided for this week (due on Thursday this week; all future weeks with discussion questions have their DQ responses due on Tuesday)