Inferential Statistics Course Activity

Akshay Kotha

2019-09-24

# Summary

Check out the course activity in the list of weeks and the final project to the left.

Github repo link for this course: <https://github.com/akshayreddykotha/stat-inference-proj>

# Week 1

Placeholder

## Getting Started

### Load packages

### The data

## The unknown sampling distribution

## Interlude: Sampling distributions

## Sample size and the sampling distribution

# Week 2

Placeholder

## Getting Started

### Load packages

### The data

## Confidence intervals

## Confidence levels

## How set.seed() works - testing?

# Week 3

Placeholder

## Getting Started

### Load packages

### The data

## Exploratory data analysis

## Inference

# Week 4

Placeholder

## Getting Started

### Load packages

### The survey

### The data

## Inference on proportions

## How does the proportion affect the margin of error?

# Week 5

Placeholder

## Setup

### Load packages

### Load data

## Part 1: Data

## Part 2: Research question

## Part 3: Exploratory data analysis

## Part 4: Inference