Data Analytics
CS301
Midterm exam notes

Week 7
Spring 2023
Oliver BONHAM-CARTER

On Exam 1,
Tuesday, 14th March 2023

- Six hours to take the exam.
  - Starts at class time: 9:30am,
  - Finishes at 3:30pm
- Work on exam alone using a GitHub repository (be sure to commit your work)
- Content up through week 7
- **Open book but study your slides and notes**
- Be familiar with R and concepts from class that were discussed in class. Do not wait until you are taking an exam to learn its material.

On Exam 1,
Tuesday, 14th March 2023

- Exploratory Data Analysis

- Google Analytics
    - Web traffic Information: analytics terms, plots, analysis depending on goals of a type of website
    - Data Visualizations: types, meanings and when to use

- Exploring and manipulating data

- Libraries (such as; Tidyverse, nycflights13, tibble, others)

- Ggplot

- Correlations

- T-tests

- Other