

# **Data Analytics**

## **CS301**

### **Exploratory Data Analysis (Continued)**

**Week 7: 7 October  
Fall 2021**

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# On Exam 1, 12<sup>th</sup> Oct 2021

- Take the time you need
  - Starts at class time (11:10am), finishes at the end of lab (4:50pm)
- Work on exam using a GitHub repository (be sure to commit your work)
- Content up through week 7 such as, Google Analytics, Exploratory Data Analysis, tidyverse, and tibble
- **Open book but study your slides and notes**
- Be familiar with R that was discussed in class. You do not have to write new code, but you will have to work with presented code to fix errors.
- Be familiar with concepts discussed in class. Do not wait to learn it during the exam.

# On Exam 1, 12<sup>th</sup> Oct 2021

- Topics
  - Google Analytics
    - Web traffic Information: understanding terms and reading plots, analysis depending on goals of a type of website
    - Data Visualizations: types, meanings and when to use
  - R Statistics: recognizing code to determine function
  - Library features:
    - Tidyverse, nycflights13, tibble
  - Concepts:
    - Exploratory data analysis
    - Tidy data manipulation
    - Ggplot, and others



# Activity 01

- **Accept your GitHub repository:**
  - <https://classroom.github.com/a/NJyv9fRA>
- **Follow the tutorial at:**
  - <https://statsandr.com/blog/outliers-detection-in-r/>
- Add your working code from the tutorial to **src/outliers.r**
- Address three questions in **writing/discussion.md**
- **Due by: Oct 7, 2021, 23:59 EDT**
- Submit your work and then go outside *to get some air and relax*

**THINK**