CSCI 127: Joy and Beauty of Data

Lecture 15: Matplotlib

Reese Pearsall Summer 2021

https://reesep.github.io/classes/summer2021/127/main.html

Help Hours **changed** today

- I will only be on Zoom today from 12:45 1:45 PM MST
- I will be very active on email, so please email me if you have any questions $\ \odot$

Grades should be up to date (1-on-1 meetings, Everything before Program 4)



Meme made by reese

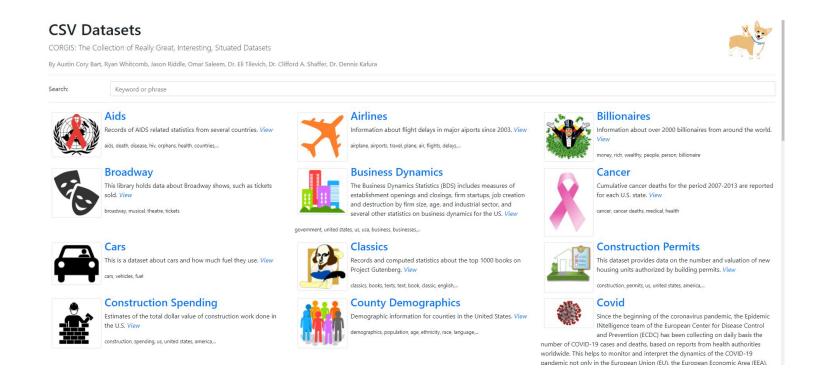
Lab 9 due tomorrow at 11:59 PM

After today, you will be able to finish it (it shouldn't be too bad)

Lab 10 due **Wednesday** at 11:59 PM

- Two options
- There will be a live, virtual review session on Wednesday at 2:00 PM in my Zoom room. If you attend, you will get a 10/10 for lab 10
 -OR-
- You may do any two example exam questions from the second half of the class (or from the programming problems on the practice exam) and submit your solutions to D2L. If you attempted them, you will get a 10/10

- Program 5 due Sunday June 20th at 11:59 PM
 - After today, you will be able to finish it (although Tuesday may also provide some useful information)
 - Very open ended- You will create two graphs of your choice from a .csv file of your choice



Final Exam on Thursday

Will be posted at 8 AM on **Thursday**. Due at 8:00 AM on Friday (~24 hrs)

Exam Format (100 points)

10 multiple choice Qs/Short Answer (20 pts)



Two of these will be pulled from the practice exam

4 short programming problems (80 pts)

- 1. Dictionaries (20pts)
- 2. OOP (20pts)
- 3. OOP (Inheritance or Magic Method) w/ Numpy (20pts)
- 4. Matplotlib (20pts)



One of these questions will be directly pulled from the example test questions on our course website

(There will once again be two different submissions to D2L. One for the multiple-choice Qs, and one the programming Qs)

Important Announcement

Course evaluations are **OPEN**

EVALUATIONS CLOSE AT 11:59 PM ON THURSDAY

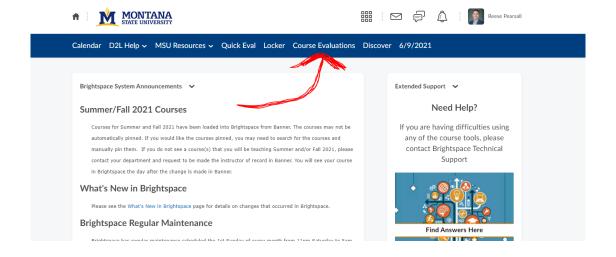
Because I am early in my teaching career, your feedback is *very* important to me

Your feedback will help make this class better for future students

Your feedback will also be read by the CS department head, who is in charge of hiring instructors ©

If you submit a screenshot showing you completed the course evaluation, I will add 2% to your final exam grade

If 90% of the class or more fills out the evaluation, I will add on another bonus of some kind



Future Computer Science classes @ MSU

CSCI 132

CSCI 112

CS 145

CSCI 215

CSCI 204

https://prodmyinfo.montana.edu/pls/bzagent/bzskcrse.PW_SelSchClass

Matplotlib

I can't teach you this by powerpoint.... go to the examples

