CSC 276: Lab 01

Deadline: 09/ 21/ 2021. 11:59 PM

Welcome to the CSC 276 Lab!

Welcome to another exciting semester of Computer Science!

For today's lab, you'll be practicing the following skills:

- Reading the Syllabus

Instructor Expectations: When working through the CSC 276 labs, you will often need to ask me questions and share your work to check over your progress and OK your progress. The labs will include two important parts, the **Lab Instructions and the Tasks to Do.** Please read them carefully.

Lab Instructions

1. Lab attendance is **MANDATORY** to enhance the student's hands-on experience.
2. The Lab will be posted on **Canvas** in the "**Assignments**" section. Each lab will include **instructions**, a **due date**, and a **link** for electronic submission.
3. Please submit your lab work before the submission deadline. Please feel free to upload early and often. If you submit the lab **past the deadline**, then the assignment will be **marked as late**.
4. While you are working on the lab, you need to **share** your **work** with me to check over your progress and to OK your progress.
5. You must have code that has good style, header comments for each part.
6. I will inform you what is missing and what needs to be fixed before the **final submission**. You'll need to make the necessary changes before calling me back and getting the OK to submit your lab work.
7. All lab work designed based on the learned topics and lab time that is means in each lab specific skills will be tested in specific time. If you can't complete your lab work in the lab session and need more time to work in it let me know by sending an email to me.
8. You are welcome to ask for help outside the lab time. We can meet via Zoom or in my office.
9. **Please ask for help any time. This is your time to do, learn, and success.**

Tasks to Do:

Read the file and answer the following questions

Statistical Information about my data	
File Type	What does my file look like?
Description	What type of data and why?
#of records	**How many records**

#of columns	**How many columns**
Size	number of dimensions Print(df.size)
Colum's Names	**Print columns names**
shape	return a tuple representing the dimensionality
descriptive statistics	describe()