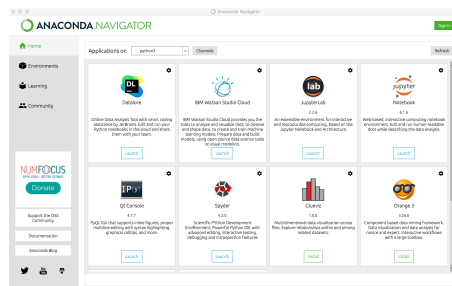Warm-Up-Assignment

1. You will need a computer with internet access. Download Python (version 3.9 as of January 2023), Jupyter Notebooks and several Python packages we will be working with later in the course all in one swoop through the Anaconda Distribution of Python. You have to be connected to the internet. Go to

<p align="center">https://www.anaconda.com/</p>

Click on "Download" and follow the download instructions for your operating system. Once the download is complete, start the Anaconda Navigator. You should get a window looking like this. Don't close the window, yet, you'll need it in a minute.

2. If you haven't had a chance, yet to fill out the survey you were given on the first day of class, please fill it out now and return it no later than Monday, 1/30/23 in class.

3. Log on to Canvas. To do this, go to

<p align="center">https://sjsu.instructure.com/</p>

Click on Canvas and use your SJSUOne username and password to log in. If you do not know you username and/or password, call the SJSU helpdesk at (408) 924-1530. They can reset the password for you.

Once logged in, click on courses. You should see a link for Math 167PS. Click on the link. Once logged into the course, you should see a course home page - you will find the Jupyter Notebooks that we will be using during class posted here. You can see dates for homework assignments and exams on the course page. Please put the exam dates on your calendar. Click on the Homework tab, to find the homework page. This is where you will download the homework assignments once a week and where you will find solutions after the due dates. Assignments will be posted usually on Wednesday night and are due the following Wednesday. You can access the textbooks (for free, through the SJSU library) from the references page.

4. Click on the Piazza link in the navigation bar on Canvas and log on to Piazza. Later, once you have logged on through Canvas once, you can go directly to the Piazza site at:

<p align="center">https://piazza.com/sjsu/spring2023/math167ps</p>

If you are waitlisted for this course, and cannot access Canvas, yet, go to Piazza directly trough the link above. The Piazza access code is "Math167PS_Spring2023". Email your instructor if you are unable to access Piazza through either Canvas or the link above. Piazza is an online question and answer forum that you may use to connect with other students and to have your course-related questions answered. Feel free to leave a post with some information introducing yourself to your fellow students. You do not need to take any further action, I can see whether you have successfully logged on to Canvas and to Piazza. You need to log on to Piazza at least once before this assignment is due, while the Piazza site is still publicly accessible.

5. This semester, this class is taught in person. To help me understand whether students are following the lecture content, we will be using an instant response system. The system is called iClicker or Reef Polling. You can use your smart phone, a table or your laptop to participate.

   Create an iClicker account, find this course on the iClicker app, and synch your iClicker account with Canvas. Detailed instructions for how to do that can be found on the course Technology Help page on Canvas. Please have your iClicker app ready for next Monday's zoom meeting (1/30/23). Your participation on Monday will demonstrate that you have the app installed and synched.

6. Next, we will practice how to work with Jupyter Notebooks. This is how you will receive your homework prompts and submit your homework assignments for this course. Jupyter Notebook files have file extension ".ipynb".

   (a) On Canvas, click on the "Homework" link (on the top of the course home page). In the "Notebook" column, you will see the .ipynb notebook file for this warm-up-assignment. Click on the file and save it. It will be saved where your machine puts downloaded materials. Find the file on your machine and move it to a better place (you might want to make a Math 167PS folder and save all your HW assignments in the same place).

   (b) In your Anaconda Navigator, click on the "Launch" button below the Jupyter Notebooks icon. This will open a web browser and show your the files and folders on your computer. Navigate to where you have previously saved the "Warm-up.ipynb" file and click on it.

   (c) Follow the prompts in the file and submit your modified file on Canvas. If you are waitlisted for this course, you may email me your modified Jupyter Notebook instead of submitting it on Canvas.

   (d) If you cannot download, open, edit, or submit the edited file, you need to notify me per e-mail before this warm-up assignment is due. Leave a post on Piazza or attend the zoom office hours on Wednesday (1/25) or Monday (1/30) to get help.