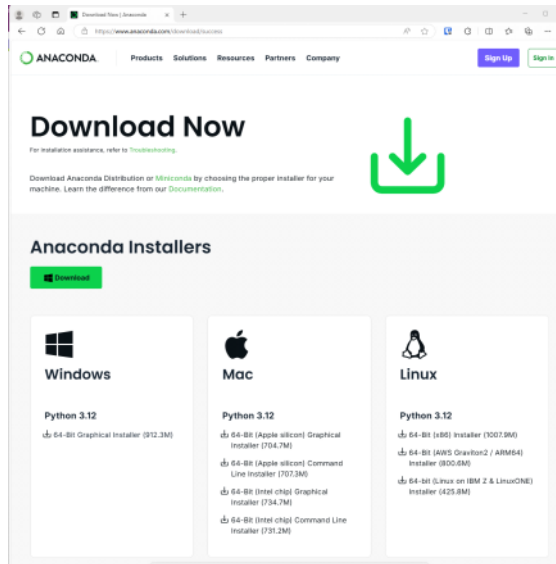# Setup Anaconda

Thursday, September 26, 2024   3:08 PM

Step 1:   Download and install Anaconda.   Install takes a few minutes.
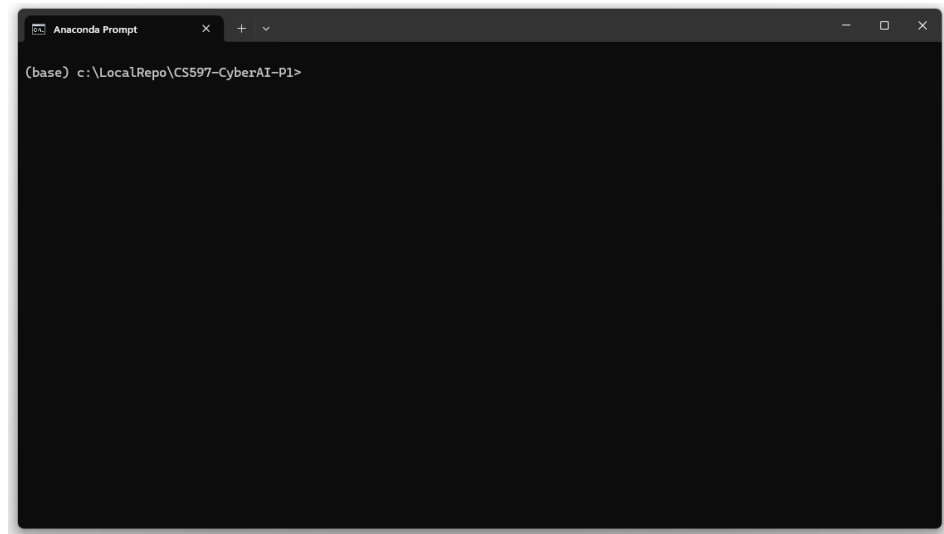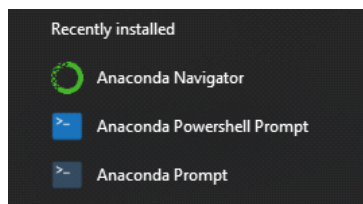https://www.anaconda.com/download/success

Step 2: Clone repo from Github
https://github.com/GraceLytle/CS597-CyberAI-P1.git

Step 3a:

Open Anaconda Prompt: navigate to the folder that you cloned the repo to from Step2.
e.g. cd c:\LocalRepo\CS597-CyberAI-P1

Step 3b:
Run the following command in Anaconda Prompt. This will download all the python libraries that are needed to run.

conda env create -f environment.yml

Step4: Activate your environment:

conda activate cs597-cyberai-p1

Step5: Launch Jupyter Notebook
Jupyter notebook

Step 6: Download Datafiles from Kaggle.

Create a folder called data, in the root of the repo and put the files from Kaggle into it.

This PC > Windows (C:) > LocalRepo > CS597-CyberAI-P1 > data

Name	Date modified	Type	Size
Android_Malware.csv	9/26/2024 3:39 PM	Microsoft Excel C...	201,498 KB
dataset_phishing.csv	9/26/2024 3:39 PM	Microsoft Excel C...	3,576 KB
Friday-WorkingHours-Afternoon-DDos.p...	9/26/2024 3:40 PM	Microsoft Excel C...	75,317 KB
Friday-WorkingHours-Afternoon-PortSc...	9/26/2024 3:40 PM	Microsoft Excel C...	75,104 KB
Friday-WorkingHours-Morning.pcap_ISC...	9/26/2024 3:40 PM	Microsoft Excel C...	56,950 KB
Monday-WorkingHours.pcap_ISCX.csv	9/26/2024 3:40 PM	Microsoft Excel C...	172,782 KB
Thursday-WorkingHours-Afternoon-Infil...	9/26/2024 3:40 PM	Microsoft Excel C...	81,155 KB
Thursday-WorkingHours-Morning-Web...	9/26/2024 3:40 PM	Microsoft Excel C...	50,804 KB
Tuesday-WorkingHours.pcap_ISCX.csv	9/26/2024 3:40 PM	Microsoft Excel C...	131,914 KB
Wednesday-workingHours.pcap_ISCX.csv	9/26/2024 3:40 PM	Microsoft Excel C...	219,890 KB

Step 7: Jupyter Notebook is a webbased environment, open notebooks folder and navigate to the desired notebook (.ipynb).