Docker for Mac

1. Install Docker for Mac - https://docs.docker.com/docker-for-mac/install/

2. Open Docker Desktop After Installation (Shown below)

3. Download the "launch.sh" script and move it to ~/Documents/dse230

4. To execute the "launch.sh", run commands (*note you only need to run "chmod" once*):
```
cd ~/Documents/dse230
chmod a+x launch.sh
./launch.sh
```

   In your terminal you should see this:

5. Open Jupyter Lab using the link shown on the terminal after the container has started.

Important Notes:

1. The first time the script is executed, the image is downloaded from docker hub and hence takes a while. Subsequent executions should start the container immediately.
2. You need to work with the files in the "/work/" directory of Jupyter Lab. If you save your files in "/" directory, your files will be lost if you turn off the running environment.
3. One way to know if you are in the "/work/" directory is to see if there is a "launch.sh" file in the directory.
4. If you "Ctrl+C" exited out in your "Terminal", your docker environment will be deleted.
5. If you did not run "Ctrl+C" and you simply closed the "Terminal" window, do not worry. The launch script will stop all the previously running docker containers and restart a new one for you.