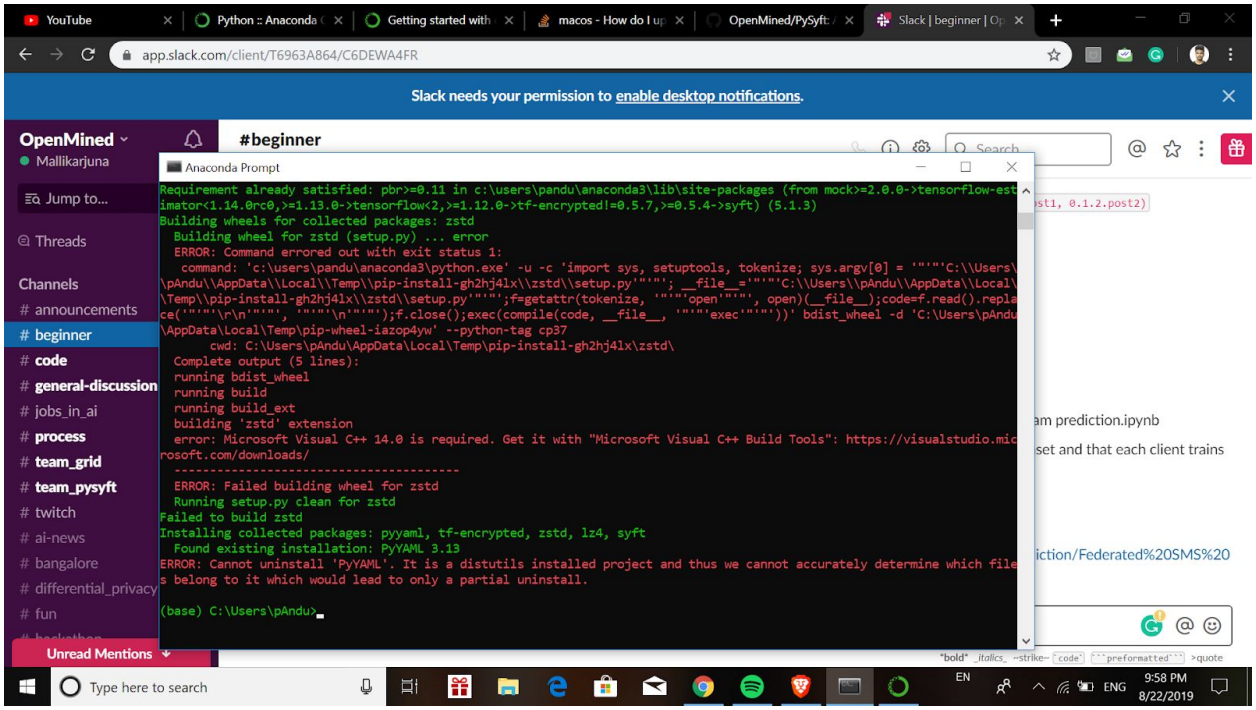
Libraries:

PyTorch: I had used [PyTorch] for creating my Machine Learning model.

PySyft: [PySyft] is a Python library for secure, private Deep Learning. To install PySyft go to this [link]. Below picture shows that sometimes you'll get an error during installation



For getting rid of this error, just install the software from here.
After successfully installing this software, run *pip install syft* on your cmd.

Note: Make sure you have to use PyTorch 1.1.0 otherwise it will show the errors. It is good to creating pysyft environment in Anaconda after installing [PyTorch] and [PySyft] in your environment.

- By creating virtual environment in your system type the command

  ```
  > conda create -n pysyft python=3
  ```

- After creating activate your environment by the command

  ```
  > conda activate pysyft
  ```

- Now install PyTorch 1.1.0 and PySyft

Instructions to run the code

1. Open Anaconda Prompt and type the following commands

```
> conda activate pysyft
```

2. Now Run my Python file **"Federated Learning-Blockchain-Anomalies.py"** by

> python Supervised Learning approach to Detect Anomalies in Blockchain using Federated Learning.py

---------- OR ----------

Type the following command it will opens jupyter notebook then copy my code and run it on the notebook

Below picture shows how to do