# Attendance:

* Jenny Xu
* Karen Zhang
* Patrick Kwan

# Action Items:

Next zoom meeting on July 17th 2020 at 10:00 am.

Install all relevant packages:

Note that the project will be using pymongo: <https://api.mongodb.com/python/current/installation.html>

* Mongodb: <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-os-x/>
* Folium: <https://python-visualization.github.io/folium/>
* Tkinter: <https://realpython.com/python-gui-tkinter/>
* Matplotlib: <https://matplotlib.org/>

Upload all code and files into the ENSF592\_YYC\_Project repository

Clone ENSF592\_YYC\_Project Repository onto computer

# Summary:

Figure out how to sum volume

Work on attaching everything into the GUI

Tomorrow 4pm

# Progress Report:

# Notes:

Explaining Database

* Key word will be Vol and Accident. Volume is a keyword that doesn’t work hence Vol
* Type+year
* Run the code only once, else you will create many database.
* Type keyword mongo
* Show data base
* Use data base to select a databse
* Drop the data base
* 5 separate files
* One giant file that includes a bunch of accidents
* The first def loads everything to database
* All the data will be changed to lowercase when its imported by mongo
* Files are scattered between traffic\_Data\_files and data and data files.
* Data is sorted from Max to minimum
* Need to add scroll pin so we can see all the headings
* Volume is yearly sum.
* Mongodb needs to be used to load all three data base, so get the sum from mongodb
* So in mongodb they separate base on headers. So for the sake of ease, every single table is its own database.
* Remove the id
* So one of the code groups all the values together then it counts all of the counts.