Mini Project 4

MongoDB

In this project you have two options, you can choose either of the two options to exercise MongoDB. The first one would require more work but there are plenty of available resources that should guide you. The second one is simpler but would still give you some hands-on experience with MongoDB.

Please do this using Atlas and download Compass to access the database as I showed you during the class. For Option 1, I am asking you to use Python to access MongoDB, please see ee this doc for instructions on using Python with MongoDB.

Just like I showed you, once you have data in the MongoDB, you can go to Compass and insert and update any records. This exercise is intended to cement your understanding of "Document"

Option 1 [100 pts.]:
Download the twitter data for one day and store it in MongoDB. Use either Python to analyze for any keywords that you like. Please s You can choose any topic including Sports, Politics, Online Education, etc. You can also take 2-3 days' worth of data and perform trend analysis.

Note: if the data is too large then you can choose it for even an hour or so, the size of data is not as important in this case.

Option 2 [100 pts]:
Use MongoDB as a DB to Sales Order DB or any other sample data that you want to use. Use Compass to connect to the MongoDB and insert, update and query data from MongoDB.

In either case I am not looking for anything too complex, please submit the screenshots of your execution.