READ ME

INDEX FOR THE FILES ATTACHED:

Please refer to the below list for information about all the attached

|  |  |
| --- | --- |
| TOPIC | FILE NAME |
| Final Report | Data\_225\_Lab\_2\_Report |
| Python Workbook | DATA225\_Group3\_Lab2\_MongoWithPython\_Queries |
| MongoDB connection, charts and import logs | Mongo\_Connections\_Screenshots |
| Mongo Queries, Charts, Python logs and visualizations | MongoDB\_Query\_And\_Visualization\_Logs |
| Code ran in python | MongoDB\_with\_python\_queries |
| Code ran in shell | MongoDB\_queries\_shell\_Execution |

MongoDB\_Query\_And\_Visualization\_Logs contains the following :

1. MongoDB query
2. Screenshot of shell execution
3. Screenshot of Mongo Chart for the respective query
4. Code executed in python for the respective scenario and its screenshots
5. Screenshot Visualization done in python workbook

The python workbook contains all the mongo db queries that were ran.

INSTRUCTIONS FOR RUNNING THE JUPYTER NOTEBOOK:

Please read the following before proceeding with the execution.

The connection details for the mongo db used is:  
   **Shell:** mongosh "mongodb+srv://cluster0.ajxhq.mongodb.net/data225\_lab2" --apiVersion 1 --username gayusavi  
   **Compass:** mongodb+srv://gayusavi:GaYu6793@cluster0.ajxhq.mongodb.net/test  
  **UserName:** gayusavi  
   **Password:** GaYu6793

Please install the below listed pip installations , in case of any issue while running mongodb in jupyter notebook.

PIP INSTALLATIONS IN WORKBOOK

* !pip install pixiedust
* import pixiedust
* !pip install pixiedust\_node
* import pixiedust\_node
* npm.install("mongodb")
* pip install pymongo
* pip install pymongo[srv]

INSTALLATIONS DONE IN ANACONDA ENVIRONMENT

Apart from the below mentioned packages, few more installations were done in anaconda.  
The installations done in Anaconda environment are:

* **mongo-tools**
* **mongodb**’
* **Pymongo**
* **r-mongolite**