Lab 5

1. Sign up for MongoDB Atlas free tier via this link using your Merrimack Email and Merrimack College as the organization: [MongoDB Atlas | MongoDB](https://www.mongodb.com/cloud/atlas/register)
2. Verify your email and sign into MongoDB Atlas.
3. Click Build a Database and select the M0 Free tier.
   1. Setup your user credentials storing your password for later use.
   2. Select My Local Environment for your connection settings.
   3. Ensure your IP address has been added to your access list, Mongo should be able to determine your IP automatically.
4. Click Browse Collections and then Load a Sample Dataset.
5. After the data has been loaded select the sample\_airbnb dataset and run the following query.
   1. {bedrooms:{$gte:10}}
   2. How many AirBNBs are there in the results?
   3. What is the ID of the AirBNB with the most bedrooms?
   4. Submit a screen shot of the document with the most bedrooms.
6. Click Connect, then select Drivers
   1. Select Python
   2. Follow the instructions to install pymongo in your python environment
   3. Use the sample code and populate the connection string variable with the string provided in the Mongo Connect/Drivers template
   4. Execute the code from the lab\_q6code.py file
      1. What type of cuisine is the restaurant?
      2. What is the object type? (execute the last line of code)
      3. Take a screen shot of the printed nordic object from console

A screenshot of a computer

Description automatically generated