Cameron Stewart

Mini Project 4 MongoDB

Please do this using [Atlas](https://www.mongodb.com/cloud/atlas) and download [Compass](https://www.mongodb.com/try/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 [this doc](https://www.mongodb.com/blog/post/getting-started-with-python-and-mongodb) for instructions on using Python with MongoDB.

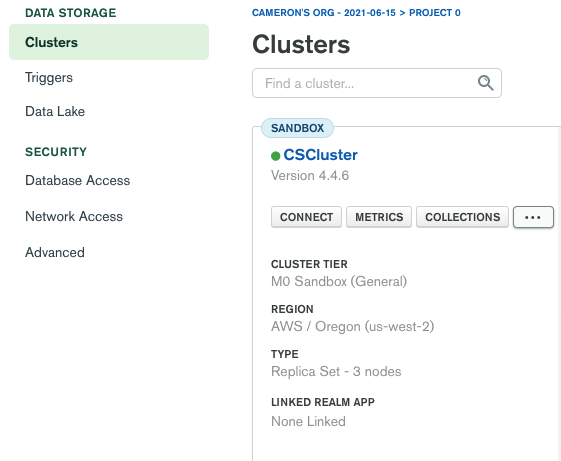
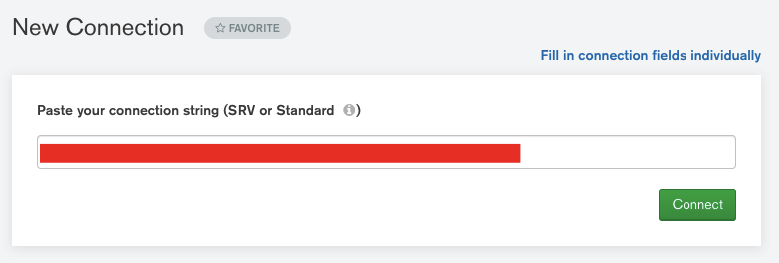
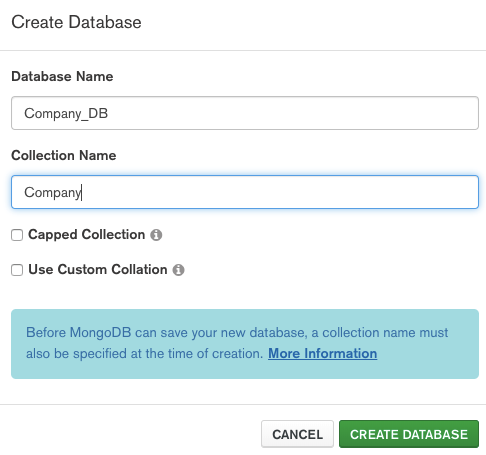
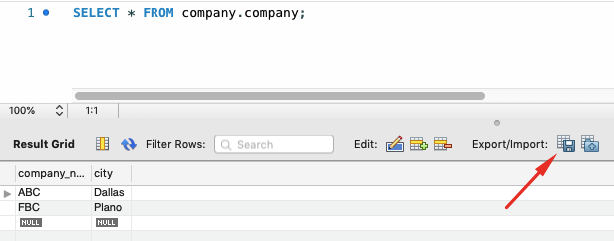
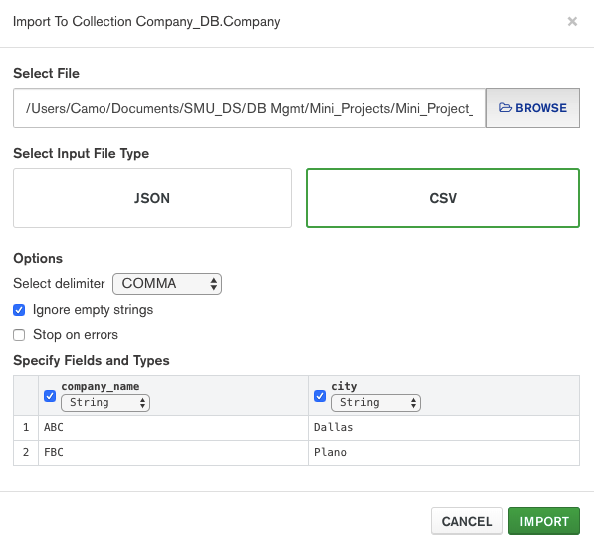
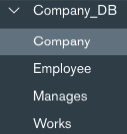
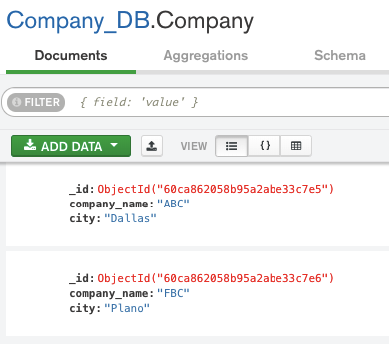
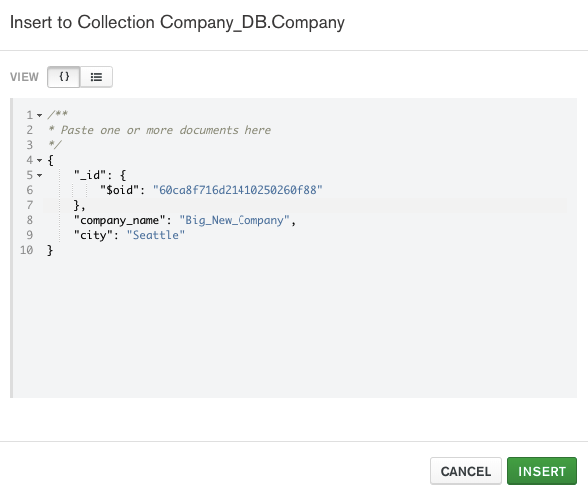
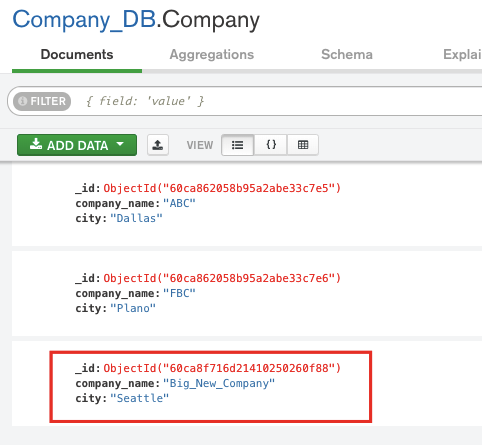
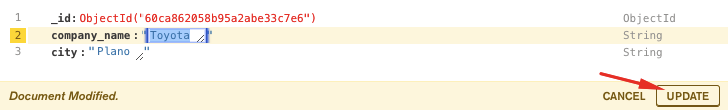
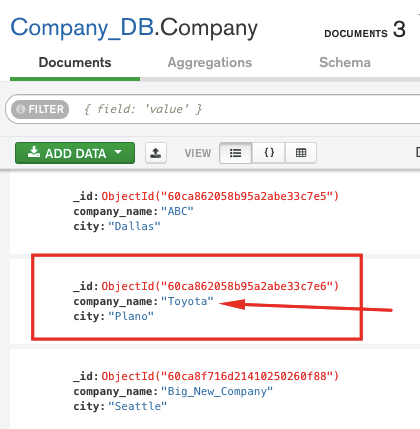
Just like I showed you, once you have data in the MongoDB, you can go to Compass and insert and update any records. This exercise is intended to cement your understanding of “[Document](https://docs.mongodb.com/manual/core/document/)” Databases.

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.

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.

**Solution:**

I used the ‘Company’ Database from a previous project for this activity. My steps are listed below

1. Created Cluster
   1. 
2. Connected Compass to MongoDB Cluster
   1. 
3. Created a Database and first Collection called Company
   1. 
4. Download data from each table in ‘Company’ Database in MySQL Workbench to a CSV. Below, shows me doing this for the table Company from the database company. Tables transferred include Company, Employee, Manages, and Works.
   1. 
5. Import data into Collection ‘Company’ in the ‘Company\_DB’ Database via the CSV. I will use this same process of creating a collection and importing data through a downloaded CSV for each collection.
   1. 
6. View completed migration of MySQL database to MongoDB
   1. 
   2. 
7. Insert a Document into Company Collection
   1. 
   2. 
8. Update a document in Company Collection
   1. 
   2. 
   3. 
9. Query documents from Company\_DB Database in Works collection. Query looks for documents where company\_name = “ABC” and then sorts in ascending order by person\_name.
   1. 