Module 1 and Docker-MySQL

Complete Module 1 and Docker-MySQL as much as you can and post your screenshots to show your achievements and progress.

Module 2 - Programmatically using Database Engines

(1) Set up a MySQL container and complete MyPythonSQLPandasIO ipynb example. Screenshots showing a successful run.

(2) Add MongoDB and Redis to the ipynb. Screenshots showing a successful run.

Module 3

Complete Module 3 and the predicthousing ipynb and post your screenshots to show your achievements and progress.

Module 4 - Docker, Containerization, ETL, CDC, Data Pipelines

Assessment 1

Modify MyPandas notebook using your own external data sources and mysql.connector (as explained in MyPythonSQLPandasIO notebook) to complete a mini ETL project. Write comments to explain what was done in each screenshot.

Assessment 2

Complete all steps given in "Firebase.pdf" under Module 4 and submit your screen shots of all steps successfully completed.

Assessment 3

Complete all steps given in README.txt in CDC_all.zip under Module 4. Submit all screenshots along with your written comments.

Assessment 4

Implement and run all examples given in the NiFi material under Module 4 using your own data. Present screenshots.