

CMSC461 Project

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This project is split in to multiple parts. The project folder contains the scripts for creating, populating, and deleting the tables required for the implementation of the project. There is also a script that contains the queries required by the project document. Additionally, a Jupyter notebook which contains the required queries along with 5 activities is provided.

Jupyter notebook instructions:

To run the notebook, a database must be set up with the name 'cmssc461project'. The notebook will ask the user for their username and password and then connect to the database. To run the activities and queries, the tables must be loaded and populated in to the database using the user's preferred method such as MySQL workbench or XAMPP control panel's web interface.

SQL script instructions:

To run the SQL scripts, connect to a database and upload the scripts. createAll.sql must first be ran to create the tables followed by loadAll.sql to populate them. The queries for the project are contained in queryAll.sql and can be individually ran if the user so wishes to do so.

Important notes:

Due to a somewhat limited knowledge in understanding for parts of the projects such as with some of the queries, the output may slightly vary than what is expected. I am aware of certain problems that may arise and cases I may have missed accounting for, so apologies for any

edge case problems that may arise. Also included in the project folder are the READMEs from the previous projects that explain everything contained and how it is to be run.