I was able to deliver in writing an ETL function to read three different files. All three of these datasets were converted to DataFrames and properly formatted and displayed correctly. I utilized the data extraction process so that all TV shows are filtered out, extracted and the cleaned data type then converted it to a DataFrame and displayed results. I also used a try-except block.

With respect to the Kaggle dataset, I was able o not only clean the data but also, merge datasets. The “movies” DataFrame was created and all four tasks were performed and all three tasks were completed during the extraction/transformation of the MovieLens rating data.

Finally, I successfully created the movie database, while simultaneously dropping the ratings table, and moved the MovieLens rating to the SQL ratings table.