DATA ANALYSIS PROJECT

First, we set up the docker to run the azure sql server on mac

Then we setup azure, connected the server, server: localhost, username: SA, Pass: MyStrongPass123

Then we created the youtuber\_uk server and switched to it to use it using the USE command

Then we import the excel data file in the database

Then we:

1. Remove unnecessary columns by only selecting the ones we need

2. Extract the Youtube Channel names from the first columns

3. Rename the column names

Then we create a view that will only show the data that power BI will use

Then we will run data quality checks:

1. The data needs to be 100 records of Youtube Channels (row count checks)

2. The data needs 4 fields (column count test)

3. The channel name column must be string format, and the other data need to be numerical data type (data type check)

4. Each record must be unique in the dataset (duplicate count check)