7. Explanation of how to clean, pre-process and ingest data into database

* The download data are in 5 CSV files, each is a unique table with multiple attributes. We first pre-process the data by selecting the CSV file with no missing data to use, then filter out the attributes we will use in our application.
* We plan to clean the data by first defining a form for storing various types of attributes, such as using lowercase for string format and using float for digital. Then we will write specific python function to check the Integrity of the data belongs to those attributes.
* We also will check the consistency with the ER diagram we define for our attributes between the relationship of each entity.
* Then we will run command to ingest our data with the table we define into database.

8. List of Techniques in Project:

* MySQL, Python, HTML, CSS, JavaScript, Node.JS, AngularJS, AWS.

***Note***: the techniques that will be used in this project is subject to the change to the any future needs.