POSTGRESQL COMMANDS FOR DATA LOAD

```
CREATE SCHEMA Data_Acquisition;

CREATE TABLE Movies_everything(
             Movie char(50)
             , US_Revenue float
             , Foreign_Revenue float
             , Worldwide_Revenue float
             , Rated varchar(20)
             , Response char(10)
             , metascore int
             , runtime int
             , votes int
             , series_movie char(20)
             , speciality  char(200)
             , imdb_rating float
             , director char(50)
             , year int
             , month char(10)
) ;
COMMIT ;

CREATE TABLE Movies_actors(
             Actors text
             , Movie char(50)
)COMMIT;

CREATE TABLE Movies_genres (
          Genre CHAR(50)
          ,Movie CHAR(50)
)COMMIT;

CREATE TABLE Movies_language (
          languages CHAR(50)
          ,Movie CHAR(50)
)COMMIT;
```

```
2) /*Setting my path*/
--Copying the files from CSV’s and loading the tables
COPY Movies_actors
FROM
'/Users/abhisheksingh29895/Desktop/DA_project/Data/actor_movie.csv'
DELIMITER ',' CSV;

COPY Movies_genres
FROM
'/Users/abhisheksingh29895/Desktop/DA_project/Data/genre_movie.csv'
DELIMITER ',' CSV;

COPY Movies_language
FROM
'/Users/abhisheksingh29895/Desktop/DA_project/Data/language_movie.csv'
DELIMITER ',' CSV;

COPY Movies_everything
FROM
'/Users/abhisheksingh29895/Desktop/DA_project/Data/movies_everything.csv'
DELIMITER ',' CSV;
```

```sql
-----DELETING SUPERFLOUS ENTRIES
--Collecting list of all movies from smaller tables
SELECT into All_movies
FROM
(
  SELECT MOVIE
  FROM Movies_genres
  INTERSECT
  SELECT MOVIE
  FROM Movies_actors
  INTERSECT
  SELECT MOVIE
  FROM Movies_language
  INTERSECT
  SELECT MOVIE
  FROM Movies_everything
)M


--Optimizing the 4 tables based on the intersection provided
DELETE FROM Movies_everything
  WHERE MOVIE NOT IN
        (SELECT MOVIE FROM All_movies)

DELETE FROM Movies_genres
  WHERE MOVIE NOT IN
        (SELECT MOVIE FROM All_movies)

DELETE FROM Movies_actors
  WHERE MOVIE NOT IN
        (SELECT MOVIE FROM All_movies)

DELETE FROM Movies_language
  WHERE MOVIE NOT IN
        (SELECT MOVIE FROM All_movies)
----
```