00_Initialize_general

```
/* Create a database for the recommendations system  */
CREATE DATABASE rec_system;

/* Locate into the database */
\c rec_system


/*  Creating the tables within the rec_system  */
CREATE TABLE movies (
url text,
title text,
releaseDate text,
Distributor text,
Starring text,
Summary text,
Director text,
Genre text,
Rating text,
Runtime text,
Userscore text,
Metascore text,
scoreCounts Text,
);

 /*  Import the dataset */
\copy movies FROM '/home/pi/RSL/moviesFromMetacritic.csv' delimiter ';' header;

/* Add additional tables with a type of tsVector */
ALTER TABLE movies ADD lexemesSummary tsvector;
ALTER TABLE movies ADD lexemesTitle tsvector;
ALTER TABLE movies ADD lexemesStarring tsvector;

/* Update table movies. It adds a new table named lexemesXXX. Then imports and co
nverts from the table column Summary
to a ts_vector.
We want to do this because ts_vector is good for text analysis  */
UPDATE movies SET lexemesSummary = to_tsvector(Summary);
UPDATE movies SET lexemesTitle = to_tsvector(title);
UPDATE movies SET lexemesStarring = to_tsvector(Starring);

/* Testing if we have good results with different key-words */
SELECT url FROM movies WHERE lexemesSummary @@ to_tsquery('pirate');
SELECT url FROM movies WHERE lexemesSummary @@ to_tsquery('space');
SELECT url FROM movies WHERE lexemesTitle @@ to_tsquery('stellar');
SELECT url FROM movies WHERE lexemesStarring @@ to_tsquery('dicaprio');

/* Adding another table column called rank with type float (numbers with decimals
*/
ALTER TABLE movies ADD rank float4;
```