NOMBRE: Paúl Hidalgo

1.- Importar el csv a SQLite (2 puntos)

Importar las librerías necesarias

```
#1.- Importar el csv a SQLite

v 0.0s

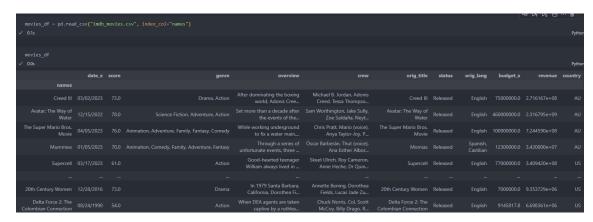
import pandas as pd

v 0.0s

import sqlite3 as sq

v 0.0s
```

Leer el csv



Conectarse a la base, enviar los documentos y verificar los mismos

2.- Transformación de cada elemento del csv en json y carga en couchdb mediante código. (8 puntos)

Importar las librerías necesarias, abrir los documentos y guardar todos los datos del csv en un arreglo el cual se encargará de guardar toda la información en el json.

```
#2.- Transformación de cada elemento del csv en json y carga en couchdb mediante código

v 0.0s

import json

v 0.0s

csvfile = open('imdb_movies.csv', 'r', encoding='utf-8')
jsonfile = open('imdb_movies.json', 'w')

leer = csv.DictReader(csvfile)
json_movies = []

for i in leer:
    json_movies.append(i)
json.dump(json_movies, jsonfile)

jsonfile.close()
csvfile.close()
v 0.7s
```

Crear una base de datos vacía en el couchdb para el almacenamiento de los datos.

Importar las librerías para conectarse al couchdb, para poder realizar el envió de todos los datos del json.

Comprobación de que se logró guardar todos los datos

3.- Creación de una réplica tipo "one time" en un sentido (1 punto)

Туре:	Local database •	
Name:	movies •	
Authentication:	Username and password ▼	
	admin	
	••••	
Target		
Туре:	Existing local database	
Name:	movies2 ▼	
Authentication:	Username and password ▼	
	admin	
	•••••	
Options		
Replication type:	One time	
Replication document:	5d233062d27c35709c053547004118d4 X	
	Start Replication Clear	

4.- Creación de una réplica tipo "Continuous" en un sentido (1 punto)

Туре:	Local database T	
Name:	movies •	
Authentication:	Username and password ▼	
	admin	
Target		
Туре:	Existing local database	
Name:	movies3 ▼	
Authentication:	Username and password ▼	
	admin	
Options		
Replication type:	Continuous	
Replication document:	5d233062d27c35709c053547004126c3	
	Start Replication Clear Clear	

5.- Creación de una réplica tipo "Continuous" en dos sentidos (2 punto)

Туре:	Local database Total database	
Name:	movies3 ▼	
Authentication:	Username and password ▼	
	admin	
	••••	
Target		
Туре:	Existing local database	
Name:	movies •	
Authentication:	Username and password ▼	
	admin	

Options		
Replication type:	Continuous	
Replication document:	5d233062d27c35709c05354700412eee ×	
	Start Replication Clear	

6.- Creación de una vista en CouchDB que retorne score, name y revenue (4 puntos)

```
Index name ()

movies

Map function ②

1  function (doc) {
2  if(doc.score && doc.names && doc.revenue){
    i  emit(null, {score: doc.score, name: doc.names, revenue: doc.revenue})
    }
    }

5 }
```

7.- Exportación del json del item anterior (2 puntos)

```
("total_rous":10178_offset":0, "rous":[

("id":52330062727537005354700002175, "key":null, value":["score":75.6", "name":"K.G.F: Chapter 1", "revenue":1637739380.0"]),

("id":52330062725370003554700002175, "key":null, value":["score":75.6", "name":"Asint: and Soldiers: Airborne Creed", "revenue":1608025937.8")),

("id":52330062725370003554700002175, "key":null, value":[score":75.6", "name":"Lell Piers", "revenue":1829488.0"]),

("id":52330062725370003554700002176, "key":null, value":[score":75.6", "name":"Lell Color Lawyer", "revenue":1829488.0"]),

("id":52330062725370003554700002176, "key":null, value":[score":75.6", "name":"Lell Color Lawyer", "revenue":1829488.0"]),

("id":523300627253700003554700003567, "key":null, value":[score":75.6", "name":"Lell Color Lawyer", "revenue":1829488.0"]),

("id":523300627253700003567, "key":null, value":[score":75.6", "name":"The Little Raxed Save the Doy, "revenue":39007700.0"]),

("id":523300627253700003567, "key":null, value":[score":75.6", "name":"The Algory and the Ectapy, "revenue":30007700.0"]),

("id":523300627253700003567, "key":null, value":[score":75.6", "name":"Revenue to louse on Hounted Hill, "revenue":30007700.0"]),

("id":523300627253700003567, "key":null, value":[score":75.6", "name":"The Algory and the Ectapy, "revenue":30007700.0"]),

("id":523300627253700003567, "key":null, value":[score":75.6", "name":"Revenue":3000770007700077000770007700770000770077000770077000770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770077007700770
```