

Take home assignment

API Collection:

https://rapidapi.com/DataCrawler/api/imdb188/playground/apiendpoint_b62dbecb-bad7-41ca-ac82-56be8f1841f6

1. Get data from at least 3 endpoints and insert them into 3 different Sqlite tables. Take into account that an important step would be data normalization.
2. Demonstrate SQL Knowledge by executing scripts using connections initialized in the python script.
3. **Pandas Manipulation:**
 - a. Convert the date and time to a datetime format
 - b. Calculate 2 KPIs using .agg in your DataFrame.
4. Sqlite
 - a. Create DB relationships between the tables within the python script
 - b. Demonstrate SQL knowledge by creating a report within the python script

Additional Information:

-UI is not necessary, the only material taken into consideration is the python script performing the above requirements

- data normalization is a term used loosely in this instance thus its meaning remains relative to the data set you decide on. For example, transforming nested json data into flat data could be a step, n/a values handling could be another etc.