I Heart Tech – IMDb Data Analysis Resources

1. IMDb dataset: <https://www.kaggle.com/datasets/ashpalsingh1525/imdb-movies-dataset?resource=download>
2. Postgres database (free): <https://www.postgresql.org/>
3. Datagrip 30 day free trial: <https://www.jetbrains.com/datagrip/download/#section=mac>
4. Example SQL commands (schema name is i\_heart\_tech and table name is imdb\_movies):
   1. Favorite movie

select \* from i\_heart\_tech.imdb\_movies where movie\_name ilike '%mean girls%'

* 1. All movie names with Kevin Bacon

select movie\_name from i\_heart\_tech.imdb\_movies where starring ilike '%kevin bacon%'

* 1. Highest rating

select max(score) from i\_heart\_tech.imdb\_movies

* 1. Movie scores sorted highest to lowest

select movie\_name, score from i\_heart\_tech.imdb\_movies order by score desc

* 1. Movie(s) with the highest rating

select \* from i\_heart\_tech.imdb\_movies where score = (select max(score) from i\_heart\_tech.imdb\_movies)

* 1. Count of all horror movies

select count(\*) from i\_heart\_tech.imdb\_movies where genre ilike '%horror%'

* 1. Average score for all horror movies

select avg(score) from i\_heart\_tech.imdb\_movies where genre ilike '%horror%'

* 1. Average overall revenue

select avg(revenue) from i\_heart\_tech.imdb\_movies

* 1. Movie(s) with highest revenue

select \* from i\_heart\_tech.imdb\_movies where revenue = (select max(revenue) from i\_heart\_tech.imdb\_movies)

1. Tableau 14 day free trial: <https://www.tableau.com/trial/tableau-cloud>
2. Dashboard: