Movie Data Analysis

Creating tables and loading data into it

Create movies table and load data into it

CREATE TABLE MOVIES(MovieID BIGINT, MovieName STRING, Year INT, Rating FLOAT, Duration FLOAT) ROW FORMAT DELIMITED FIELDS TERMINATED BY "," LINES TERMINATED BY "\n" LOCATION '/user/praveenkum79edu/MovieAnalysis';

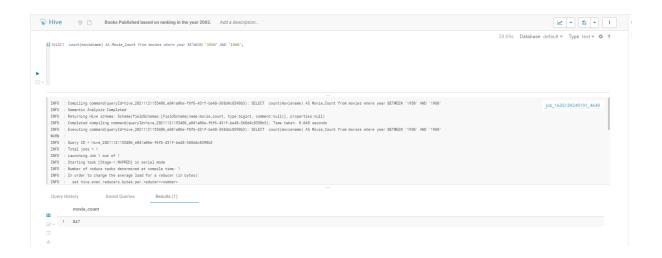
LOAD DATA INPATH '/user/praveenkum79edu/MovieData/movies dataset for pig.txt' OVERWRITE INTO TABLE movies;



Problem Statement

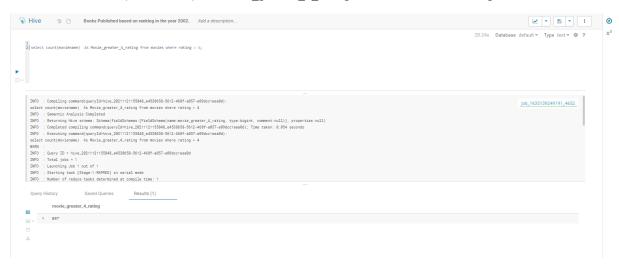
Find the number of movies released between 1950 and 1960

SELECT count(moviename) AS Movie_Count from movies where year BETWEEN '1950' AND '1960';



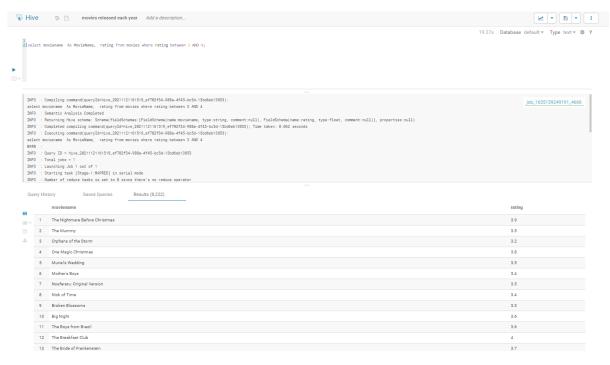
Find the number of movies having rating more than 4

select count(moviename) As Movie_greater_4_rating from movies where rating > 4;



Find the movies whose rating are between 3 and 4

select moviename As MovieName, rating from movies where rating between 3 AND 4;



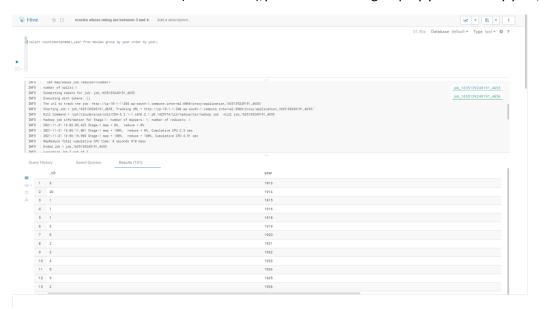
Find the number of movies with duration more than 2 hours (7200 second)

select count(moviename) FROM MOVIES where duration > 7200;



Find the list of years and number of movies released each year

select count(moviename), year from movies group by year order by year;



♣ Find the total number of movies in the dataset

select count(moviename)from movies;

