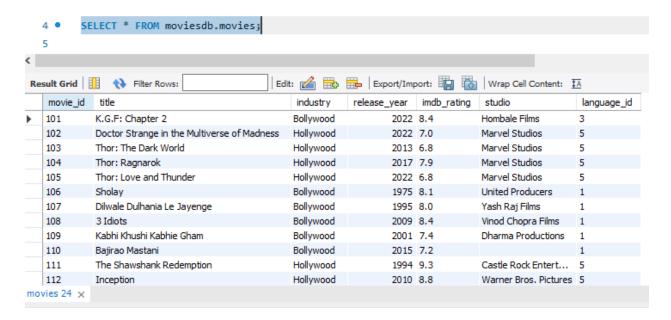
Movies Data Analysis SQL Project

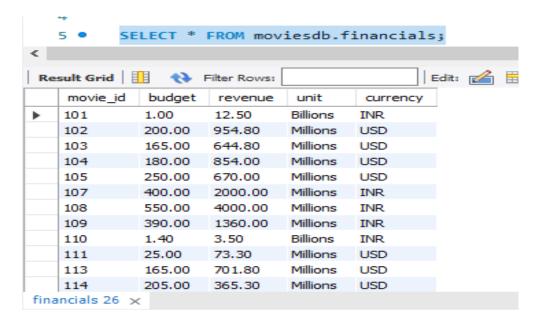
This document presents a series of SQL queries designed to analyze the movies database. The queries cover a range of operations including basic retrievals, string operations, numerical functions, and joins.

Basic Queries

How would you retrieve all records from the movies table?

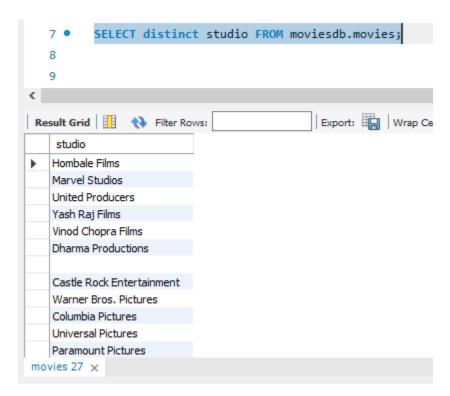


How would you select all records from the financials table?

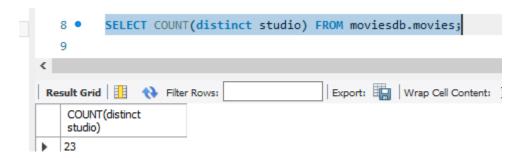


String Operations

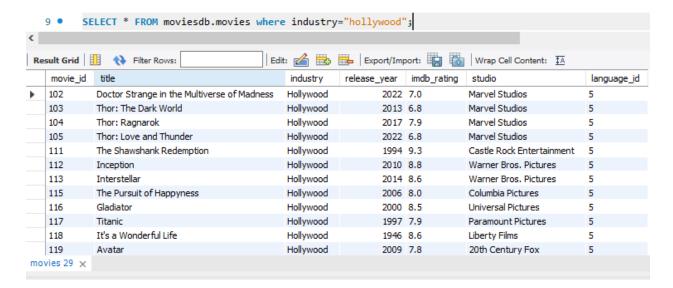
How would you retrieve a list of distinct studios from the movies table?



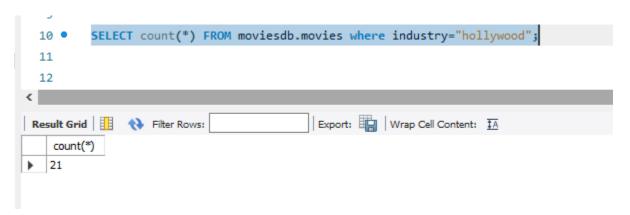
How would you count the number of distinct studios in the movies table?



How would you find all movies that belong to the "hollywood" industry?



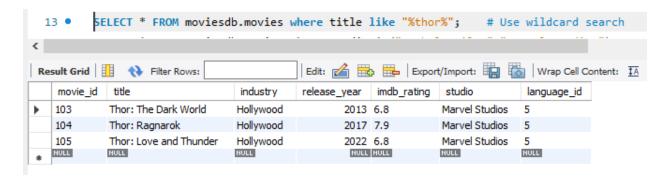
How would you count the number of movies in the "hollywood" industry?



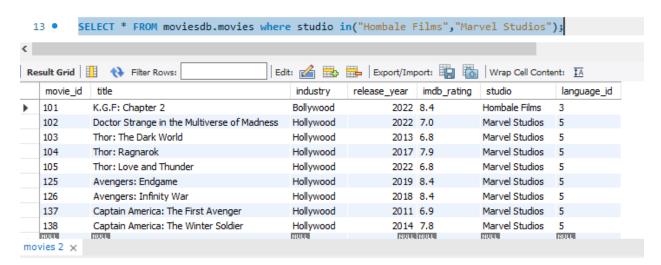
How would you find all movies that do not belong to the "hollywood" industry?



How would you find all movies with titles that include the word "thor"?

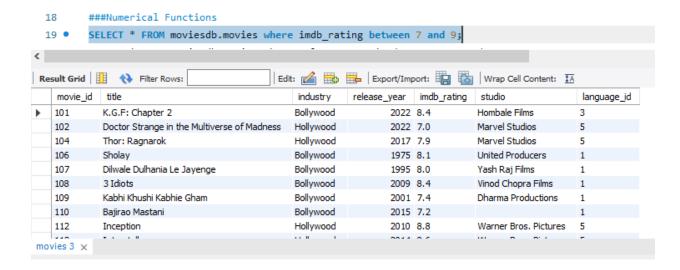


How would you find all movies produced by either "Hombale Films" or "Marvel Studios"?

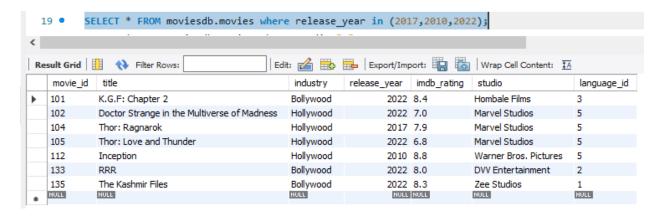


Numerical Functions

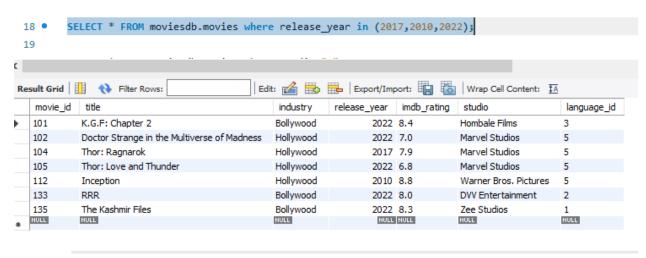
How would you find all movies with an IMDB rating between 7 and 9?



How would you find all movies released in the years 2017, 2010, or 2022?

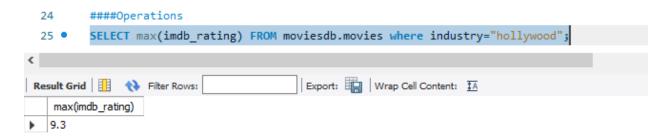


How would you find all movies where the studio field is empty?

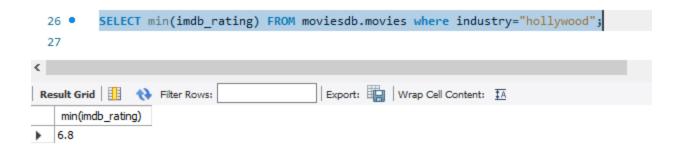


Operations

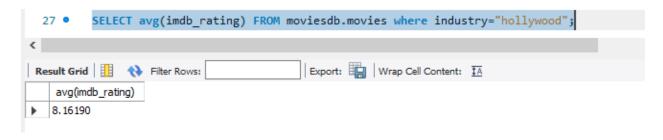
How would you find the maximum IMDB rating for "hollywood" movies?



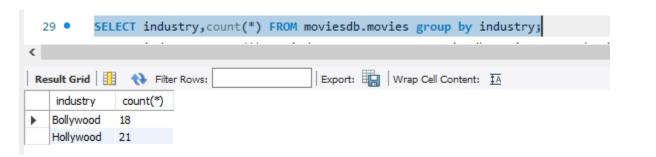
How would you find the minimum IMDB rating for "hollywood" movies?



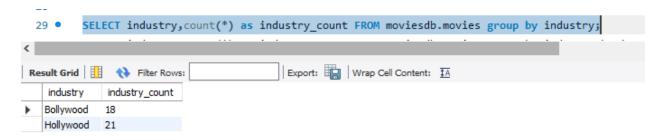
How would you find the average IMDB rating for "hollywood" movies?



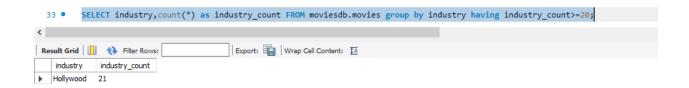
How would you count the number of movies in each industry?



How would you count the number of movies in each industry and label the count as industry_count?

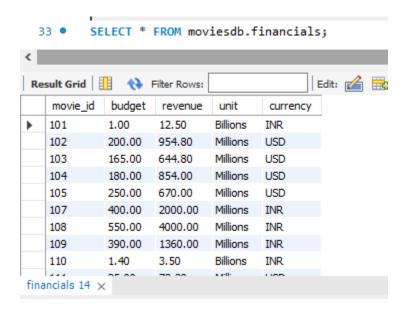


How would you count the number of movies in each industry where the count is 20 or more?

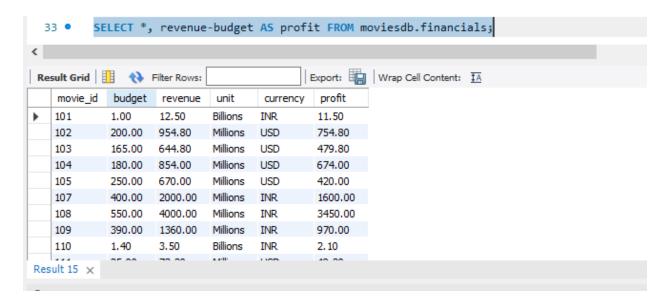


Financial Analysis

How would you select all records from the financials table?



How would you calculate the profit as revenue - budget for each movie in the financials table?



How would you convert revenue to INR if the currency is USD?

e	esult Grid	()	Filter Rows:			Export: 📳 V	Vrap Cell Content:	<u>‡A</u>		
	movie_id	budget	revenue	unit	currency	revenue_inr				
•	101	1.00	12.50	Billions	INR	12.50				
	102	200.00	954.80	Millions	USD	73519.60				
	103	165.00	644.80	Millions	USD	49649.60				
	104	180.00	854.00	Millions	USD	65758.00				
	105	250.00	670.00	Millions	USD	51590.00				
	107	400.00	2000.00	Millions	INR	2000.00				
	108	550.00	4000.00	Millions	INR	4000.00				
	109	390.00	1360.00	Millions	INR	1360.00				
	110	1.40	3.50	Billions	INR	3.50				
	sult 16 ×	05.00	70.00	a arth	1100	FC 44 40				

How would you normalize the revenue based on the unit (Billions, Millions, Thousands)?

