**Question 1:**

**SQL Reinforcement Project**

Count the total number of records in each table of the database

**Query:**

SELECT 'Movie' AS Table\_Name, COUNT(\*) AS Total\_Records FROM Movie

UNION ALL

SELECT 'Genre', COUNT(\*) FROM Genre

UNION ALL

SELECT 'Director\_Mapping', COUNT(\*) FROM Director\_Mapping

UNION ALL

SELECT 'Role\_Mapping', COUNT(\*) FROM Role\_Mapping

UNION ALL

SELECT 'Names', COUNT(\*) FROM Names

UNION ALL

SELECT 'Ratings', COUNT(\*) FROM Ratings;

**Output:**

**![A screenshot of a computer

AI-generated content may be incorrect.](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFOQlUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM3NQAAkpIAAgAAAAM3NQAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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XeUSB24iAwSQc56iprP4c6Xbarc3km+RZLhJoLRZ5Ut4AkSRqPJDeWxGzIYrkcY+6DXY0UczCxz9t4N0mzsBZW1oqW4min2ea5+eIIIzknPAjTjocc5yayPDHw+l0DXZtRm1COZfJaC1toBcLFbozhiAss0gH3VACBFAB46Y7eijmd7/wBdgsrWK32Z/VaPsz+q1Zoo5mHKit9mf1Wl+ztsIyOoqxRRzMLI5ubwRpc+pX19KLtp7+Hybj/iY3AVk7AJv2rjJIKgEEkjGTUR+H+imyFt5VyP3zTG4GoXAuC5UKSZ9/mHKgDBbGAB0AqnqOu+KdLvdStwNN1OddMub22trO0lEkDIcQq/7xvM38jgISUbGezbXX9Xu/C95qK+ItJhk092a8e68P3MHkIIw21oJLhXVsHduJwQRgd6XNpfy/X/ADHy6mrdeCtLu301mimhGl4+xx2t7NbpFgYHyRsqnjjkHgkdCafp/hDTdL1OXULSOX7TIGXdNdyzCNWbcyxq7ERgkAkIADgegrCPiDxbZ2GhXmqnTIGvTAtxa/2fMPmeQBszGXy4CFZcK+/cwKqSSBVzw54j1TUPFF9YavcQW3ly3It7FtIuIJJIo5dqyLcO/lyjaVJ2LxvHTvV3f7/+D/X3k2XLfpodP9mf1Wj7M/qtWaKXMx8qK32Z/VaPsz+q1Zoo5mHKit9mf1Wj7M/qtWaKOZhyobGpSMKeop1FFSMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAj85fR/wDv23+FHnL6P/37b/CpKKAM7WZVOg34w/8Ax7SdUP8AdPtUN54f06/uNSlumdxqVrHazIJMAKhcgqRyGzIec8YGMYq1rX/IA1D/AK9ZP/QTXJeIPF2oaPqGoLbaVbXNlpdnHeXc0l8YpdjF8iNPKYM2IzgF1ySBkdaaipaMLtbEtv8ADfTLWOKC31jUo7NHtpXtQ8G2aSBUVHZvL3k4iXIDBfQCr8XgrSYreKEXFwyRRWUI3SJytq5ePPy9yfm9R0xT7nxHp9nqkGn3X2uKa4KrHIbKbySzfdUzBPLDE8YLZzgdSKwbH4l6TcIZL1ZrCNZJoz59tcKzFJ1hXYDEA4JZc4OVJAweSLtfr/SIvobNp4Rew09rCy8V61BaIqpaxBrY/ZFVgVCMYSzAAbcSF8qTnJ5rT8O6HY+GNDh0vTnzDEztlgi5ZmLMdqKqLkk8KoA7CsNvHegLapN592zPI8Qtl064a4DIAWzAI/MUAMpJKgfMvPIzNY+MtE1K+t7SxuZppLhVaN1tJvK+aPzArSbNisUw21iGwRxzRyjcjqfMT+8v50eYn95fzqlRRyC5i75if3l/OjzE/vL+dUqKOQOYu+Yn95fzo8xP7y/nVKijkDmLvmJ/eX86Xev94fnVGnD/AFZ+o/rRyj5jCsvBpsJtReHxVrJGoPJJIGNtuV26MH8neSowFDMQAoGCBipY/B9mbCW2vdUvr5ri9jvLuad4g10ybdqOERVCDYnyqFzt5zk5wNX8a6zoWrLZ32hWEiyqWia21R2YZkWKIyBoFCBnkUZDMQNxAbbUo8ZapJe/2PBolq2uxvKJrd9QK24REjfckvlFmyJowAYxzu5G3JSirXX9W/yHds6HVPDkeraiJrnWtQWyLRvJpqPF5ErI25SSUMg5CkhXAOORycrYeHY7PXDqlzrF/qMipJHbxXbxFLZZGDME2IpP3VGXLEAYB5Oeev8Axjqsek6dq2k6NZ3VhqAgEKz6g8NyXlIATyxC65Gcn5+xzgCuvp8lvxJ5i75if3l/OjzE/vL+dUqKOQOYu+Yn95fzo8xP7y/nVKijkDmLvmJ/eX86PMT+8v51Soo5A5i+CCMg5FFRwf6lakrNlhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEfnw/8APVP++hR58P8Az1T/AL6FSUUAZ2szRHQb8CRCTbSYAYf3TXN6z4Asdc1u41a6RRfGGBLK6FupmspIndxIjHPUsMrjB24OQcV2tFNOwHnF18OLvUPEMOraje6fcXCXFvcmZtJJnRoihMcUjSnyomKk7ACQXY5OalHw8uzqUU0uqq1vb3Tz28QsyHUPdR3LKz78NyhUEKOCODjn0KiqU7NNdNSeW55r4h8Oa5pmrz614ZinvL67klDRC1jkjSN44VIYPcQ87oVIZSepBU8GpvD3gHUNK1HTLya/t4/stvFHNHZ2jxSXDJAI9ssgk2zICCV3x7l7Ec59EoojLl2G1cpeW/8Adb8qPLf+635Vdoo5xcpS8t/7rflR5b/3W/KrtFHOHKUvLf8Aut+VHlv/AHW/KrtFHOHKUvLf+635U4I3ln5T1Hb61boo5g5TlT4Ylb+3Jp3t7q61UeWDdWfmQxwquEiaPcN6jLEjcMl26dBhf8Kwgj8MPpMEGi/6RdtdXHm6GjwqxTZmCHeFjIAABO/vndk16PRSuOxytr4TjtLzR/LdvsOjWvkWdqY/uvtCeYWzyQmVAwMbm9Rjd8t/7rflV2iq52xcqKXlv/db8qPLf+635Vdopc4cpS8t/wC635UeW/8Adb8qu0Uc4cpS8t/7rflR5b/3W/KrtFHOHKMhBEQBGDT6KKgoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/2Q==)**

**Explanation:**  
 We use COUNT(\*) to find the number of rows in each table and combine results with UNION ALL.

**Question 2:**

Identify which columns in the movie table contain null values

**Query:**

SELECT

COLUMN\_NAME FROM

INFORMATION\_SCHEMA.COLUMNS WHERE

TABLE\_NAME = 'movie'

AND TABLE\_SCHEMA = 'your\_database\_name'

AND COLUMN\_NAME IN (

SELECT COLUMN\_NAME

FROM (

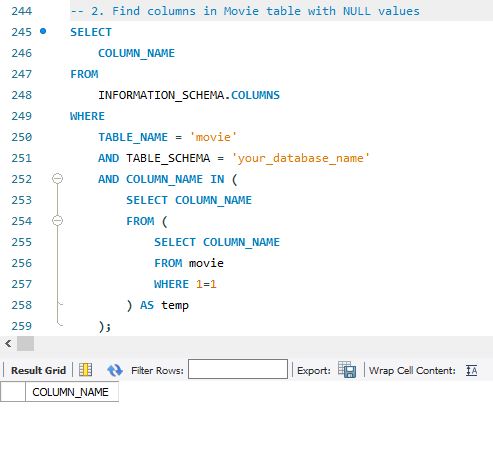
SELECT COLUMN\_NAME

FROM movie WHERE 1=1

) AS temp

);

**Output:**



**Explanation:**  
 This query finds columns in the Movie table that allow NULL values. It helps detect missing or incomplete data fields.

**Question 3:**

Determine the total number of movies released each year, and analyze how the trend changes month-wise.

**Query:**

SELECT

YEAR(date\_published) AS Release\_Year,

MONTH(date\_published) AS Release\_Month,

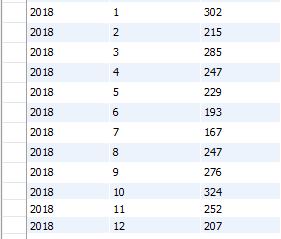
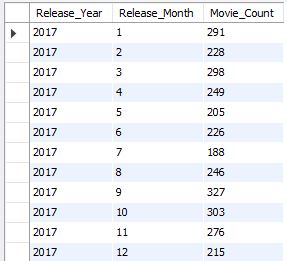
COUNT(\*) AS Movie\_Count

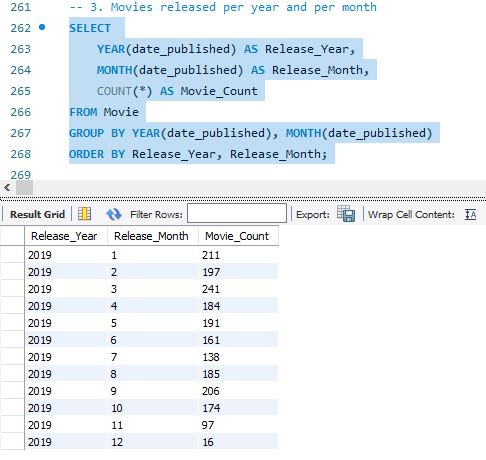
FROM Movie

GROUP BY YEAR(date\_published), MONTH(date\_published)

ORDER BY Release\_Year, Release\_Month**;**

**Output:**

****

****

**Question 4:**

How many movies were produced in either the USA or India in the year 2019?

**Query:**

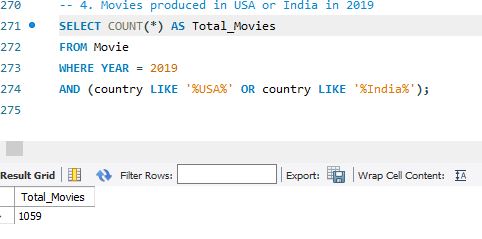
SELECT COUNT(\*) AS Total\_Movies

FROM Movie

WHERE YEAR = 2019

AND (country LIKE '%USA%' OR country LIKE '%India%');

**Output:**

****

**Explanation:**  
 Filter rows where country is USA or India and the release year is 2019.

**Question 5:**

List the unique genres in the dataset, and count how many movies belong exclusively to one genre

**Query:**

SELECT DISTINCT genre

FROM genre;

SELECT COUNT(movie\_id) AS one\_genre\_movies

FROM (

SELECT movie\_id

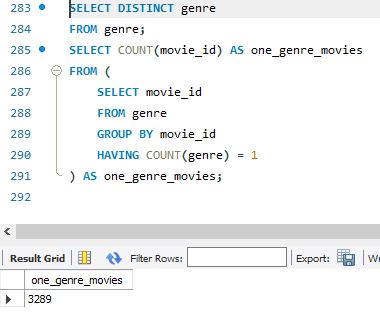
FROM genre

GROUP BY movie\_id

HAVING COUNT(genre) = 1

) AS one\_genre\_movies;

**Output:**

****

**Explanation:**  
 First, get all unique genres; then count movies that have only one associated genre.

**Question 6:**

Which genre has the highest total number of movies produced? **Query:**

SELECT genre, COUNT(\*) AS movie\_count

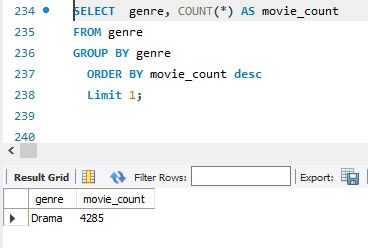
FROM genre

GROUP BY genre

ORDER BY movie\_count desc

Limit 1;

**Output:**

****

**Explanation:**  
 It groups all rows by genre, counts how many times each appears, then returns the one with the highest count using ORDER BY ... DESC LIMIT 1.

**Question 7:**

Calculate the average movie duration for each genre.

**Query:**

SELECT g.genre, AVG(m.duration) AS Avg\_Duration

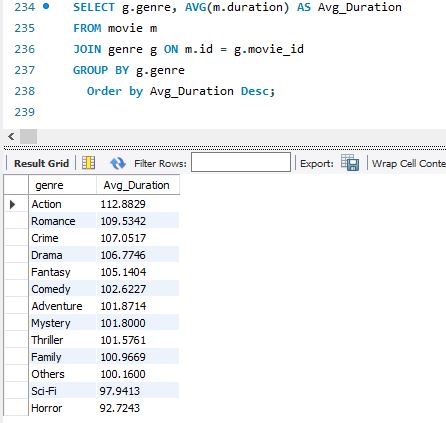
FROM movie m

JOIN genre g ON m.id = g.movie\_id

GROUP BY g.genre

Order by Avg\_Duration Desc;

**Output:**

****

**Explanation:**  
 Joins movie and genre tables.

Calculates the average duration of movies for each genre using AVG().

Sorts the result in descending order to show genres with longest average duration first.

**Question 8:**

Identify actors or actresses who have appeared in more than three movies with an average rating below 5.

**Query:**

SELECT n.name AS `Actor/Actress Name`, COUNT(rm.movie\_id) AS 'Average\_Rated\_Movie'

FROM names n

JOIN role\_mapping rm ON n.id = rm.name\_id

JOIN ratings r ON rm.movie\_id = r.movie\_id

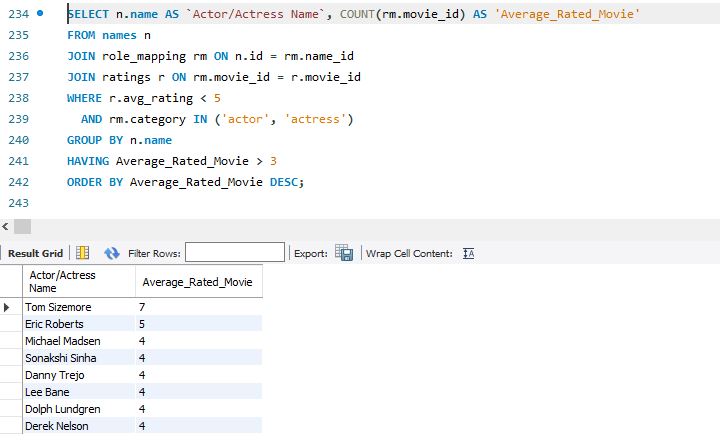
WHERE r.avg\_rating < 5

AND rm.category IN ('actor', 'actress')

GROUP BY n.name

HAVING Average\_Rated\_Movie > 3

ORDER BY Average\_Rated\_Movie DESC;

**Output: **

**Explanation:**  
 This finds actors/actresses with more than 3 Average-rated movies. JOINs connect actors with their movies and ratings.HAVING filters for those who acted in more than 3 such movies.ORDER BY shows the ones with the most low-rated films at the top.

**Question 9:**

Find the minimum and maximum values for each column in the ratings table, excluding the movie\_id column.

**Query:**

SELECT

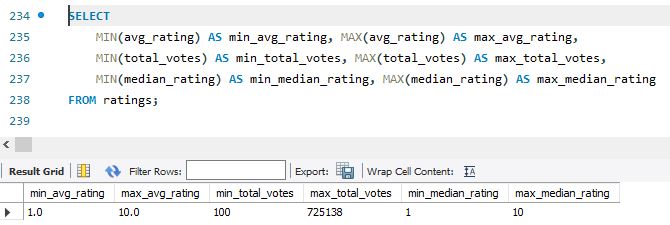
MIN(avg\_rating) AS min\_avg\_rating, MAX(avg\_rating) AS max\_avg\_rating,

MIN(total\_votes) AS min\_total\_votes, MAX(total\_votes) AS max\_total\_votes,

MIN(median\_rating) AS min\_median\_rating, MAX(median\_rating) AS max\_median\_rating

FROM ratings;

**Output:**

****

**Explanation:**  
 Use MIN() and MAX() functions on each column except movie\_id.

**Question 10:**

Which are the top 10 movies based on their average rating

**Query:**

SELECT m.title, r.avg\_rating

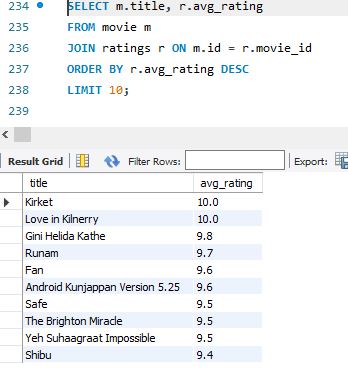
FROM movie m

JOIN ratings r ON m.id = r.movie\_id

ORDER BY r.avg\_rating DESC

LIMIT 10;

**Output:**

****

**Explanation:**  
 Join movie and ratings, then sort by highest avg\_rating.

**Question 11:**

Summarize the ratings table by grouping movies based on their median ratings.

**Query:**

SELECT

median\_rating,

COUNT(movie\_id) AS Movie\_Count

FROM Ratings

GROUP BY median\_rating

ORDER BY median\_rating;

**Output:**

**![A screenshot of a computer

AI-generated content may be incorrect.](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFOQlUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMyOAAAkpIAAgAAAAMyOAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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H0KoanIklzpyxsrn7SeFOf+WUlNbiexi3PihY/E9jpNraNcR3EzQTXYcBIZBG0gQDHzNhORxjI5zxW9XO3vgDQ7rxFYa1Ho+nw3trdG6lmWwTzJ2KMoy+M5DMGyc8qPrXSeW/8Adb8q1W2pD30G0U7y3/ut+VHlv/db8qAG0U7y3/ut+VHlv/db8qAG0U7y3/ut+VHlv/db8qAG0U7y3/ut+VHlv/db8qAIry6gsbNrm7lWKGJNzux4AzXMQeKdXv8AT7+4sdFtYGsbpopY9T1BoNsYiWQOSkT4OHGV7Y69q6a/0221Oxaz1GzivLaVcSQTxCRHGc4KkYPauWj+G9haWep2Wlw2un2eqXkc11Da2Kx74FVQYPlI4YqcnHR2GMnNLW7/AK1uv6/4Nh6FPSviDf6hbw3c+gx21mktvBeN9tLSwyT7DGVQxjcmJYiSxQjc3ynbz3Nc1rPgeHXPE9hqd5Bp/lWTRyIRpoN3vjYso+0FjtTODtCg8fewSK6fy3/ut+VVdWENop3lv/db8qPLf+635UgG0U7y3/ut+VHlv/db8qAG0U7y3/ut+VHlv/db8qALMH+pWpKZCCIgCMGn1k9y1sFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFUr/wD4/dM/6+m/9EyVdqlf/wDH7pn/AF9N/wCiZKAKMHiRrrxJdaTbaLqEsdnKsNxfhoBBG5iWQDBlEh4deiHk/jW3XHz+F7u68f2+sHS9FtEt5zK2p27ML26TySghkHlj5csDkyMMIvyjqOwo6IHuFFFFABRRRQAUUUUAFFFFAFLWNVg0XS5b66WSRUKqscS5eV2YKiKCQMszBRkgZPJA5rCbx5D5flRaHqsupLJJHNpi+QJodiq7MzGURkbZIz8rkneOODjb1zT11TQ7q0a1iuzImUhlnaFWcHKnzFBZCGAIZQSpAI5FefzfDW/fT8XdpputC5nmlutL1XUbiWJC0aRxslw6vIzIqEAlR/rGK7MClrr/AF/X9bFK2l/6/r+rnVxeMorzUrW00nR9S1FLi0gvWuYPJSOGKYsELCSRW/gYkKpOB68V0lcFeeCtSuptFjntNGuprCO1VtekLLfR+U4Z1jGw5DYx/rBw7ZDd+9q3bp3ZCv8AkFFFFSMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCPyIf8Ankn/AHyKoanGkdzpzRqqH7SeVGP+WUladZ2rf6/Tv+vo/wDoqSmtxPYpReIrKfWpdKt5p5rqH/WmO3laKI4B2tKF2K2CDtLBsEHHIrR8x/7zfnXA6T4f1jTvGG+KHUUjbULm5ubx9SL2k8Em9ljW3Mh2yBmQZCKPkJ3HOD3larZMh6Nod5j/AN5vzo8x/wC83502igB3mP8A3m/OjzH/ALzfnTaKAHeY/wDeb86PMf8AvN+dNooAd5j/AN5vzo8x/wC83502igB0s3lQ+ZJJsRVLMzNgADPJNYUnjjQ00y31CLUHu7a6eRYGsoJbky7CQ7KsasxUEcuBt5HPIztysUhDKjOQhIVcZbk8DPFebxaZrbaFFPFo2uabrEF3eCBra4sM+VPKZPn3vImzIjzhS4K/KCM5l6DXmdZqHjjR9MWN7qe+aCREkS6t9PuZ4Cr/AHT5saFOcjv3FWNO8U2Gq6jPZWLX0klu8kbyNYzpDuRtjASsgRiGBGAx6H0rFtPDd7HB4a0S5USabpFvHNcz7l23E8YAjQL1wGzJ0AyqAdwGaBpd9a+MJ57fS9R0mwYXDXS3OoieG6meUMrwx+Y/lj/WMflj++Bg9rsua3qLp939fkdn5j/3m/OjzH/vN+dNopAO8x/7zfnR5j/3m/Om0UAO8x/7zfnR5j/3m/Om0UAXISTECTk0+o4P9StSVk9y1sFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAR+Svq//AH8b/Gqd9EovdN+8f9JbhmJ/5YyetaFUr/8A4/dM/wCvpv8A0TJQBTbxT4ZTWf7IfXdJXU94j+xG8iE289F2Z3Z9sVr+Wn91fyrnrq3n1rxtbRzQSppujKLjc6FVuLlwQm0nhhGu4nqNzr3U10dCegPcb5af3V/Kjy0/ur+VOooAb5af3V/Kjy0/ur+VOooAb5af3V/Kjy0/ur+VOooAb5af3V/Kjy0/ur+VOooAhuprWztZbm8kht7eFC8ksrBUjUckkngAetZTeLvCyaSmqP4g0ddPkkMSXZvYhEz/AN0PnBPB4zmrutXcVjol3dT2U9/HDEXNrbQedJNjnaqfxE9hXBw+IGsdKudWi0jUptZ1W9Bkb+wb0x2JMQQMVMQkdVRACyr87cfID8pd6jsjs7rxL4csby2tL3WtLt7m7VWtoZbuNHmDHClFJywJ4GOtNsvFPhnUdUOm6fruk3d+CwNrBeRPKCv3hsBzxg544ri0txpN9o48Jv4ijufstlZiGXSWW1uLdJW3GVnhBiZVeU43xn7uFPAPVWNvPqvjS71W8glittNU2VgkqFd7NgzTAHqD8qKfRXI4aq6/eT/wDofLT+6v5UeWn91fyp1FSMb5af3V/Kjy0/ur+VOooAb5af3V/Kjy0/ur+VOooAAABgDAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCPy2/57P+S/4VR1HdHdaa29m/0k8MB/zxk9BWlWdq3+v07/r6P/oqSmtwZY+0v6LR9pf0WvI9JNsfitHNC9gbxtQu0uLdI9upxptba075+e3OAVBVQMw4Zu/q1aJJxT7kO6bRN9pf0Wj7S/otQ0U+VCuyb7S/otH2l/Rahoo5UF2TfaX9Fo+0v6LUNFHKguyb7S/otH2l/Rahoo5UF2Tm4YBeByP60n2l/RaguTGLU+c+yPyzvfft2jnJz2+teO2V/wCFLzR9Pj1vUdPv/D0EuqLI93dLcRi4M4MO53JzIYzKVJOTkkZzUuy/r+vl5lK7PaftL+i0faX9FryK/wD7Lez8NNqTWEniyGGw822nTOpSfMh/cuxLIAd5chTkBwShywu+APsH9u2H9m/Z/wC0f7Jf/hIvJxv+2b48efj/AJa7vP8Avc4zjiq5VzNev4f18tBXfLf0/H+tO56h9pf0Wj7S/otQ0UcqFdk32l/RaPtL+i1DRRyoLsm+0v6LR9pf0WoaKOVBdl2Ni8YY9TTqjg/1K1JWT3NEFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAjxN/fT/vg/wCNUr9Ha800SMpBuT91cf8ALGT3rRqlf/8AH7pn/X03/omSgCx9mT1aj7Mnq1efxzazp3xGsIb2PVPPv9QuQ05vkeylsxG7IqQeZlGXEILiIfNkFiG59Fp3dkxNJOxF9mT1aj7Mnq1S0UczCyIvsyerUfZk9WqWijmYWRF9mT1aj7Mnq1S0UczCyIvsyerUfZk9WqWijmYWREbdSByeBR9mT1aq2s3V9Z6Pcz6TYNqF4ifubZXVDI2cdWIHHXkjpXnOl3ct1p+sQeKn8SRzwaqFtrcaiIJ7uVrdD5KfZpjgAkttDBFByThWIXM9bf1ql+o7I9P+zJ6tR9mT1avL7pPE+g3ulvrD6pd3r3Nha215b36C12nYs0csBkXzHP747/LcgFSCNvHqtVd2vf8Ar+mKyIvsyerUfZk9WqWilzMLIi+zJ6tR9mT1apaKOZhZEX2ZPVqPsyerVLRRzMLIRVCKFHQUtFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEeZv7if8AfZ/wqlfu63mmmRVAFyfutn/ljJ7Vo1nat/r9O/6+j/6KkprcBLfT9JtNTuNRtdNtob66AFxdRwIsswHTc4GWxgdTV37Sno1cP4m1/VdC1e7ljlt5bKHQ7u9jtjCQxliMeCz7jkfMeAFxznPGLXh2bUbfXNQ0nUtTm1UQ21vdR3E8UaOpkMisn7tVXAMWRxn5uSeK0UU1/Xdr9CG2tf66f5o677Sno1H2lPRqq0UcqDmZa+0p6NR9pT0aqtFHKg5mWvtKejUfaU9GqrRRyoOZlr7Sno1H2lPRqq0UcqDmZaNwoA4PIrL1HQvD2sIU1fQ9PvlaXzit1aRygybQu/5gfm2gDPXAAqa+imnsHitbk2szxlUnVAxjJz8wB4JHvkeoNeff8JTq+l6df2Vw+rXF4LoxJPPpn2mazj8pG3SraR+WSckptyORuOQyiGopNspXex3dpoXh/T7yG6sNDsLa5t4fIhmhtI0eOPn5FYDIXk8DjmtT7Sno1eSeHPHGp6xJYXl62sRabbraW9xcQ2lukUtxLGjMZhJ+9ClpUA8tFAyTuIPy+o1o4Ecxa+0p6NR9pT0aqtFLlQ+Zlr7Sno1H2lPRqq0UcqDmZa+0p6NR9pT0aqtFHKg5mXlYOoYdDS1HB/qVqSs3uWFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAj8xv+eL/mv+NVL2Ga5nstkTARTl3LEcDy3Hr6sKKKAM678H6df62mrXazyXSRNCB9tmERjb7ymIN5bA8ZBU5wM9BUmjeFrHQEmXTUkBmKmSSe5lndgowo3yMzbQOi5wMnA5NFFUpNbCsmaf2Z/VaPsz+q0UUczDlQfZn9Vo+zP6rRRRzMOVB9mf1Wj7M/qtFFHMw5UH2Z/VaPsz+q0UUczDlRBqGlRanp8lndgtDKm1wkjRt1zkMpBU+hBBFVtL8NWej2ssFkj4nbfNJPcSTSSnAGWkkJZuAAMngAAcCiijmCxSXwHoiXFpMloVNokSRxi5lEbeX/qy8e7bIy4GGcEjAweBW79mf1WiijmYcqD7M/qtH2Z/VaKKOZhyoPsz+q0fZn9Vooo5mHKg+zP6rR9mf1WiijmYcqJ41KRhT1FOooqRhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)**

**Explanation:**  
 This query groups movies based on their median ratings and counts how many movies fall into each group. Shows rating distributions.

**Question 12:**

How many movies, released in March 2017 in the USA within a specific genre, had more than 1,000 votes?

**Query:**

SELECT

M.title, R.total\_votes,g.genre

FROM Movie M

JOIN genre g ON m.id = g.movie\_id

JOIN Ratings R ON M.id = R.movie\_id

WHERE

YEAR(M.date\_published) = 2017

AND MONTH(M.date\_published) = 3

AND M.country = 'USA'

AND R.total\_votes > 1000

Order by genre asc ;

**Output:**

**![A screenshot of a computer

AI-generated content may be incorrect.](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFOQlUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMwOQAAkpIAAgAAAAMwOQAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Explanation:**  
 This query finds USA movies released in March 2017 that received over 1000 votes. Focuses on popular releases from a specific time.

**Question 13:**

Find movies from each genre that begin with the word “The” and have an average rating greater than 8.

**Query:**

SELECT G.genre,M.title,R.avg\_rating

FROM Movie M

JOIN Genre G ON M.id = G.movie\_id

JOIN Ratings R ON M.id = R.movie\_id

WHERE M.title LIKE 'The %'AND R.avg\_rating > 8;

**Output:**

**![A screenshot of a computer

AI-generated content may be incorrect.](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFOQlUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMxMAAAkpIAAgAAAAMxMAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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yyhW3M21t5IGMY9K+0/7H60faf9j9adne9hXVrHI6T/AGD/AMLk1/7N/Zv9r/2ba+Z5fl/aMbpN+cfN08nPtsz2rtag+0/7H60faf8AY/Wlyu1h3V7k9FQfaf8AY/Wj7T/sfrRysLonoqD7T/sfrR9p/wBj9aOVhdE9FQfaf9j9aPtP+x+tHKwuieioPtP+x+tH2n/Y/WjlYXRPRUH2n/Y/Wj7T/sfrRysLonoqD7T/ALH60faf9j9aOVhdE9FQfaf9j9aPtP8AsfrRysLoqeI5Gi8L6o6R3MjLZykJaHEzHYeEOD83pweexrz/AOHWoaRo02qSRXmjSWEpsokuNAtzHaGaQlAjIC2J9zKGOeVMZYLXpn2j5QdvU460n2n/AGP1ojFptg2mrHAS3XhC6+LMMGnz6TZ63Z3O+9uGmSO7upGiKrbqCd7rtZWb+EbVAyc7PRqg+0/7H60faf8AY/WhRdkgck3cnoqD7T/sfrR9p/2P1o5WF0T0VB9p/wBj9aPtP+x+tHKwuieioPtP+x+tT0mmgvcKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAoqPM39xP++z/hRmb+4n/fZ/woApat/r9O/6+j/6KkrzHw9fXX/CVWjOdYt3m1C/8ye91BpbW9ijeUCGGIyMFcHYQNiHbG+MjOfUrq2muprQ/u0WGYyN8xJI2MvHHqwqKTQdPmtlt5bO1eBZfPWJoFKiTdu3gdN275s9c81UXYT1VjzhfHXiI2+nOP7JlbWoIbm08uGQraK9xFGUlPmfvDiYYYbOUYY9JYvG+uwQt/aRsDJPFPHa/ZLOR2NxFcrbgFDKNwkZwQNyhehcj5h3dv4U0W0muJrXSrCGW6lWad47RFaWRW3K7ED5mDHIJ5B5p8/hnSbq3eC506ymhdXVo5LZGVg7BnBBHIZgGPqRk1fMrff/AMD7u/zFbU8/0rxf4s1e9fS1j02wv7YXP2iS6tC4zH5JUCOO4YDImwf3rYxn/ZqxB411m90G+8QQJYQ2emWKXE9g8TvNO5tlm+WXeojX5woJRvuk+w7ix8MaRpagaZptlZhVKgW9skeAduRwBwdq/wDfI9BUZ8I6G19bXjaRp5urSMRW85tE3woAQFRsZUAE8D1pcyt/W+uv/ABLXUxfCGp+JNRS5PiXTVtkAR7adY4oxKGzkbEuJumAdxYZ3dOMnp1+6/0/qKqaV4W0bQhKNE0ux00TEGX7HapFvI6Z2gZxk9fWtIW+Afm6jHSm5JkqLPJPE+gwQf8ACXLHeavIlro6TwwzazdvGHfzw2VaQgg7V4IIGOBV/VfF3ijR746P5Fjf6hPLAttJa221UWRJmKmOW4QOw8gjPmJndnHGD6HLo9nP5/n28Ev2iMRTb4gfNQZwrZ6j5jwfU+tRX3hzS9Timi1Kws7uO4VVmS4t1kEgUkqGBHIBJIz0JpXVtCutzkNZ1XxEngC0vLiwa01o31shtVmWMSH7SqgEq7hVdcZG5sBiMtjnDXxFqFhJYS6fdm+1HUCy3f295QltObm3haMQLJtQIHIAGTwDuO4lvTLfw9ptpp8VhaWNrBZwsHit47dVjjYNuBVRwCG547801vDWlPfPevp1m13IVZ7g2yGRipUqS2MnGxcem0egpqS5r+YrO1jiI/E3iWfWJdAS40mPULd52kvnspTFIkaQsAsPmghj54yfMONucfNxfuvE2onwRo19ZIjaxqscJhgjtPOV3aPzHAVpowAFDHLSDGO5wDqeJ/AGm+KbQW926wJ5xmk8uytpfNfbt3HzonGdoxuGDjjNaEvhTR7jQ4NHvNPtbvTrdESO2uoVlRQgwvDZyQO9LmXLZ76f8Edtfv8A+AeeWvjvxNf6Pe6hDFpluNLshc3UU0DO0zrLMjopSUqmfJyDmTBOPm61cXVdT1jxXoN3cz2Mdh/a93bwWccLGdTFFPGWeQvg52k7QgxuHJxz3cPhvSre2lt4NPs4oJk8uSJLZArpknaQBgjLMcf7R9abH4W0eLVn1SLTLFNQc5e7W1QTMcbcl8ZPBI69OKfMr3FZ2sYWn2+PiRrMhuLxlWxtmWF7uVoULtKGKxFtgJEa8gdj6nPS1DF4c0uDV5dVg0+zj1Gddkt4lsomkXjhnA3EfKOCew9KvfZv9v8ASjmVgadyvRVj7N/t/pR9m/2/0o5kFmV6KsfZv9v9KPs3+3+lHMgsyvRVj7N/t/pR9m/2/wBKOZBZleirH2b/AG/0o+zf7f6UcyCzK9FWPs3+3+lH2b/b/SjmQWZXoqx9m/2/0o+zf7f6UcyCzK9FWPs3+3+lH2b/AG/0o5kFmZHiG7+weFdRuzcNa+RbTSeeiBzFhM7gp4OOuDxXJeCru40zUdSs9dnNoPLtJIYp9Xe+RvN3KHWaXDAuw2+X0yuVzur0RrYNHtLZHOcjrWZZ+EtD060a10/SdPtbdpVnMMFoiIZFIKvtAxuBUEHqMD0pKSTbBq6t/X9f1687Jaibx5E+j3+oSzQzGTU917I9tFGYiFg8ot5Ycko2Au4AZJG4butqkfBvh86x/ax0XTTqW/f9t+xR+duxjdvxuz75rV+zf7f6U1JWSBpt3K9FWPs3+3+lH2b/AG/0o5kFmV6KsfZv9v8ASj7N/t/pRzILMr1fqD7N/t/pU9TJpjSsFFFFQUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB//Z)**

**Explanation:**  
 This query finds movies that start with "The" and have an average rating greater than 8. Helps identify standout titles.

**Question 14:**

Of the movies released between April 1, 2018, and April 1, 2019, how many received a median rating of 8?

**Query:**

SELECT

COUNT(\*) AS Total\_Movies

FROM Movie M

JOIN Ratings R ON M.id = R.movie\_id

WHERE

M. date\_published BETWEEN '2018-04-01' AND '2019-04-01'

AND R.median\_rating = 8;

**Output:**

**![A screenshot of a computer program

AI-generated content may be incorrect.](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEFOQlUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM5NwAAkpIAAgAAAAM5NwAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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lElyYFtfLGxtnyKz3IJYbjyquenyjvq+HvFt5quvJave6XdK8tzHLaWcbedZiNyqvK3mMMNgDBVeWGOlO39egrnaUVwl7e6W+uapF4o1+70y7imC2NvHfyW2Ydo2tHGpAmJbd1D8jbjtWXJ4tvtcnubG9ht4lgukYRLJEJYcS7Qrqszucg5yUjxjGDniObReZVtz0+iuM1G6Ft4Z8OC9vZrDSZEjW+uopDFsHlfIGkGDGpfALAjsMjPNOTxNZ6Wph0HxFZpYMHlS+1aaS8ilcBQYIpTIpY9/vPgkgDggXLSTXYmLukzv6K4ceIvEN4JZEFlaQNcGzWB7eRpo2Nt5gYtvAyGOCu0ZA6isfSfH2qRDRrNrjT75JbSEtOZI0a4Yghipe43EoRhgqOWZWHyk4C238vx1GeoUV5vqHiPxAdHsri91PS7AS/YLwzrbyJHCkkmGRyZRuUfLk5UEZGBnI7fSb+S+a/EktvJ9nu2hXyFYbQFU4bd1bntxjHvTtv8/wALf5iutC1eXtrp9q91f3MNrbx43yzSBEXJwMk8DkgVmf8ACZeGP+hj0n/wOi/+Kq/qrRpo920881tGIXLzQLmSMYOWUYPI6jg/SuJ0e7vn+G3h+DQJr27uZLfzS7AKw8tclctt+TzCid8pnBPWqik0JvU76GaK5gjnt5ElilUPHIjBldSMggjqCO9PqG0uUvLOG5iDBJo1kUMMHBGRkVNUFBRRRQBT/tjTf+gjaf8Af9f8aP7Y03/oI2n/AH/X/GtXy0/uL+VUr9E+2ab8q/8AHy3b/pjJQBX/ALY03/oI2n/f9f8AGj+2NN/6CNp/3/X/ABo17xBpfhq0F1qyXSwYYtJb2E1wEAGSW8pG2j3bAq1pl/a6vZC6tIbhIyxUC6s5bZ+P9iVVbHvjFICr/bGm/wDQRtP+/wCv+NH9sab/ANBG0/7/AK/41dtbuzvJrqK2ZXe0l8mYbCNj7VfHI5+VlPHrUcOoW02tXWmLEwmtYYpnYqNpWQuBjvn92c8elMCt/bGm/wDQRtP+/wCv+NQtf6U15HcnUrbfHG8YHnpjDFSf/QB+tWv7b0keIW0MzouorbfajCYyP3Wdu7djaeR0znvipNH1TTdf0uLUdIlW4tJSwSUIV3bWKnggHqDRcDF1CPQtSn8241NFYoI2EV7sDKCTggHB6nrVW40vw5dRuk+qs6yLscf2iRuX0OG5HJ/M11tw8VtbyTSRsUjUsRHEXYgeiqCSfYAmpPLT+4v5Vm6cHNTaV1s+qK5pJct9DK/tjTf+gjaf9/1/xp8Oo2VxMsVveW8sjdESVWJ79Aa0vLT+4v5Ux1CyRbQB83YexrQkyNR8PWep3UNzcRSLcQEGOaJirj2yKuR2EMN1LcRW6pNNjzJAvLY6ZrQop8zatcVle5V2N/dP5UbG/un8qtUUhlXY390/lRsb+6fyq1RQBV2N/dP5UbG/un8qtUUAVdjf3T+VGxv7p/KrVFAGBpo13TtJtLL+zrGT7NAkW/7a43bVAzjyeOlWfteu/wDQLsf/AAPf/wCM1rUUgMn7Xrv/AEC7H/wPf/4zR9r13/oF2P8A4Hv/APGa1qKAMn7Xrv8A0C7H/wAD3/8AjNH2vXf+gXY/+B7/APxmtaigDJ+167/0C7H/AMD3/wDjNH2vXf8AoF2P/ge//wAZrWooAyfteu/9Aux/8D3/APjNH2vXf+gXY/8Age//AMZrWooAyfteu/8AQLsf/A9//jNH2vXf+gXY/wDge/8A8ZrWooAxrS31B9Wub2/ghh8yCKJEhlaT7jSEkkov98flVq0tPsdnDbRBykMaxqW6kAYGfyq/RTAq7G/un8qgs7CKwthb2kJjiDM4XJPLMWbr7kmtGigCrsb+6fyo2N/dP5VaooAqNFvUq8e5T1BXNcz4t8EjxNHAIbkWLRJIhIt94YPtzxkcjbXY0U4ycXdEyipKzPOtR+HF9q1wj3usxBVVkKw2BT5SFBAJkOPuD8Sa7vY390/lVqihzbVmEYqLbRQtLT7HZw20QcpDGsalupAGBn8ql2N/dP5VaopXKKuxv7p/KoLOwisLYW9pCY4gzOFyTyzFm6+5JrRooAq7G/un8qNjf3T+VWqKAKuxv7p/KjY390/lVqigCrsb+6fyo2N/dP5VaooAq7G/un8qNjf3T+VWqKAM+8sVvrR7efz1R8ZMMrxNwc8MhDDp2PtWTF4M023hSGBtViijUKiJq92FUDoABJwK6aijmaFZFKG38iCOFBIVjUKC7M7EAY5Zskn3JJNP2N/dP5VaooGVdjf3T+VFWqKACqV//wAfumf9fTf+iZKPK1X/AJ/LP/wEb/45VO9i1IXen7ru1JNwdpFqwwfKk6/vOeM+n9KQC+LbG41Pwbq9jYx+bc3FnJHEm4LuYqQBk8D8a5Pxx4Y1DVtYllg0X+0pJrGODTb7zYx/ZFwHYtPh2BX70bbowzHy8EdM9v5Wq/8AP5Z/+Ajf/HKPK1X/AJ/LP/wEb/45Rs0w6WPONc8HXR1DXI4PCcV1DqeoR3E97b2thJLND5K/KguDt3iZcnepXDErljxc8GW7eBbWa58Y3Nvo9o0EVrby393BGPlmuWWPKkICI2ThQBjgDjA7vytV/wCfyz/8BG/+OUeVqv8Az+Wf/gI3/wAcoWisgerOIudGsPiBr1/qGja5byWax2sQvdOuI5920zCeA7WON0coHtuVhkrWLe+BtWMc8R8PC7mlWaPSrpZocaPKbuaQT4ZgVyrxNuj3P+72kDAr1HytV/5/LP8A8BG/+OUeVqv/AD+Wf/gI3/xymtHdBvucRrvg7U7qPWbG1tllsVhubvT18xV3XU8ZRlAyMYJmbJ4/fjHQ4xh4E1Ea7q91eWOuzXs/2zZe2M2nRRzxyK/lx+cQLnIVlUK+UVkX+FRj1DytV/5/LP8A8BG/+OUeVqv/AD+Wf/gI3/xyl/lYdzn/AId6NcaJot3bz6RDpMTXJaCFIIYZHQIq75Uhd4t5KnJTaD12r0rqZP8AWRf7/wD7KareVqv/AD+Wf/gI3/xynRQ3/no1zc27xqSSsduyk8EdS59fSm3clKxbooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAEByoJGPaqd//wAfumf9fTf+iZKs5m/uJ/32f8KgngmnubN8RqsExkb5iSR5brxx6sKAOE8bXNx4d1EeINNurubJnXYupSyI8y28pWD7LnylX5AxcAuCPu8lha8KvfCz1TSLy4uLfU/scV4dQg1ZtQDiQOBInnRhIzlGOxYwmCMeg6yLw/o0GtSavDpNjHqcw2yXqWyCZxgDBfG48Ad+wpkHhnQbXTrnT7bRNOhsrslrm2jtI1jmJ6l1Aw2cd6Vvda8v6/r/AIcbaun/AF/XT/gaEPg+ea68EaJPcyvNNLp8DySSNuZ2MYJJPck1s1U03StP0ayWz0ewtrC1UkrBawrEgJ5JCqAOat1cneTZK0VgoooqRhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB//9k=)**

**Explanation:**  
 This query counts movies released between those dates with a median rating exactly equal to 8. It identifies consistently good movies.

**Question 15:**

Do German movies receive more votes on average than Italian movies?

**Query:**

SELECT DISTINCT genre

FROM genre;

SELECT COUNT(movie\_id) AS one\_genre\_movies

FROM (

SELECT movie\_id

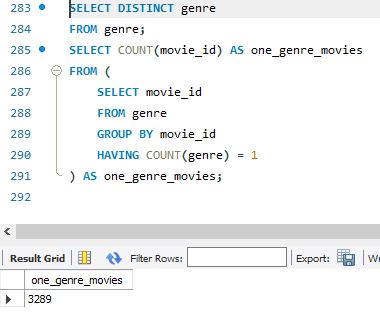
FROM genre

GROUP BY movie\_id

HAVING COUNT(genre) = 1

) AS one\_genre\_movies;

**Output:**

****

**Explanation:**  
 First, get all unique genres; then count movies that have only one associated genre.

**Question 16:**

Identify the columns in the names table that contain null values. **Query:**

SELECT

SUM(CASE WHEN name IS NULL THEN 1 ELSE 0 END) AS Null\_name,

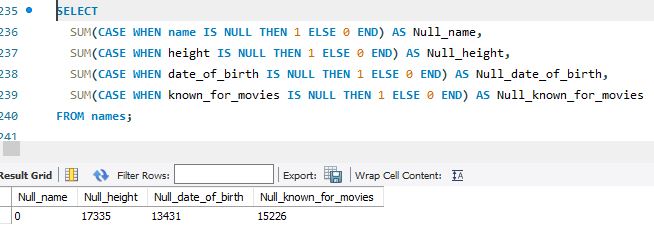
SUM(CASE WHEN height IS NULL THEN 1 ELSE 0 END) AS Null\_height,

SUM(CASE WHEN date\_of\_birth IS NULL THEN 1 ELSE 0 END) AS Null\_date\_of\_birth,

SUM(CASE WHEN known\_for\_movies IS NULL THEN 1 ELSE 0 END) AS Null\_known\_for\_movies

FROM names;

**Output:**

****

**Explanation:**  
 This query counts how many records in the names table have NULL values in specific columns: name, height, date\_of\_birth, and known\_for\_movies.  
 It uses CASE WHEN inside SUM() to total NULLs for each column individually.

**Question 17:**

Who are the top two actors whose movies have a median rating of 8 or higher?

**Query:**

SELECT N.name,

COUNT(DISTINCT RM.movie\_id) AS Movie\_Count FROM Names N

JOIN Role\_Mapping RM ON N.id = RM.name\_id

JOIN Ratings R ON RM.movie\_id = R.movie\_id

WHERE

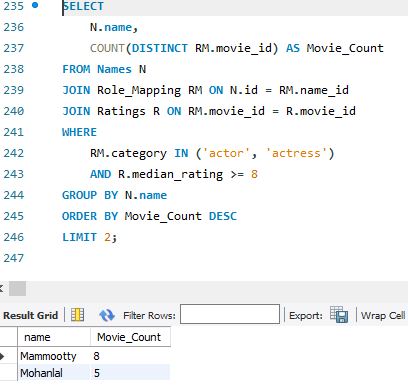
RM.category IN ('actor', 'actress')

AND R.median\_rating >= 8

GROUP BY N.name

ORDER BY Movie\_Count DESC LIMIT 2;

**Output:**

****

**Explanation:**  
 This query identifies the two actors who have acted in the most movies with a median rating of 8 or higher. Highlights highly-rated performers.

**Question 18:**

Which are the top three production companies based on the total number of votes their movies received?

**Query:**

SELECT

M.production\_company,

SUM(R.total\_votes) AS Total\_Votes

FROM Movie M

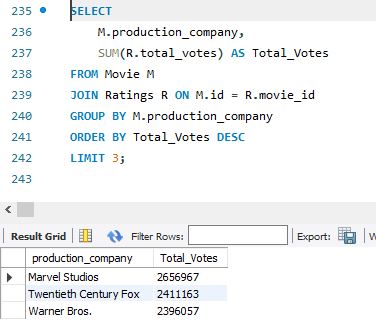
JOIN Ratings R ON M.id = R.movie\_id

GROUP BY M.production\_company

ORDER BY Total\_Votes DESC

LIMIT 3;

**Output:**

****

**Explanation:**  
 This query lists the top three production companies whose movies collectively received the most votes. It shows audience favorites at the company level.

**Question 19:**

How many directors have worked on more than three movies?

**Query:**

SELECT

N.name,

COUNT(DM.movie\_id) AS Movie\_Count

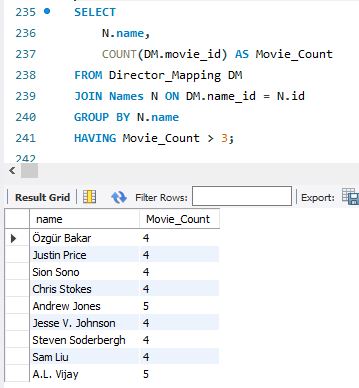
FROM Director\_Mapping DM

JOIN Names N ON DM.name\_id = N. id

GROUP BY N.name

HAVING Movie\_Count > 3;

**Output:**

****

**Explanation:**  
 This query finds directors who have directed more than three movies. Indicates experienced or prolific directors.

**Question 20:**

Calculate the average height of actors and actresses separately.

**Query:**

SELECT

RM.category,

AVG(N.height) AS Average\_Height

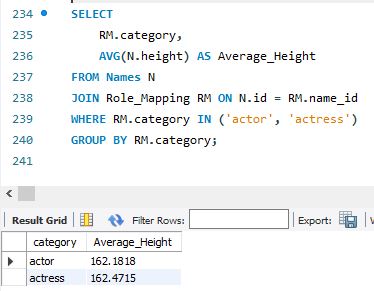
FROM Names N

JOIN Role\_Mapping RM ON N.id = RM.name\_id

WHERE RM.category IN ('actor', 'actress')

GROUP BY RM.category;

**Output:**

****

**Explanation:**  
 This query calculates the average height separately for actors and actresses. It finds physical characteristic trends across genders.

**Question 21:**

List the 10 oldest movies in the dataset along with their title, country, and director

**Query:**

SELECT

M.title, M.country,N.name AS Director\_Name,M. date\_published

FROM Movie M

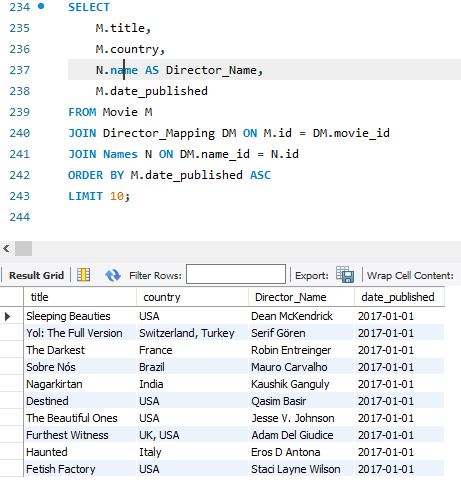
JOIN Director\_Mapping DM ON M.id = DM.movie\_id

JOIN Names N ON DM.name\_id = N.id

ORDER BY M.date\_published ASC

LIMIT 10;

**Output:**

****

**Explanation:**  
 This query lists the 10 oldest movies based on release date along with their country and director. Highlights classic films.

**Question 22:**

List the top 5 movies with the highest total votes, along with their genres.

**Query:**

SELECT

M.title,R.total\_votes,

GROUP\_CONCAT(DISTINCT G.genre) AS Genres

FROM Movie M

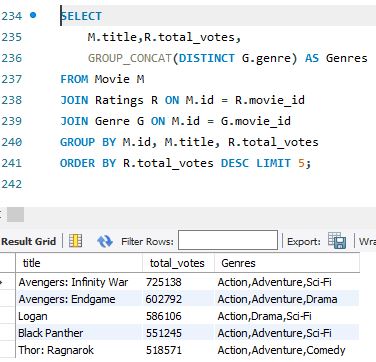
JOIN Ratings R ON M.id = R.movie\_id

JOIN Genre G ON M. id = G.movie\_id

GROUP BY M. id, M.title, R.total\_votes

ORDER BY R.total\_votes DESC LIMIT 5;

**Output:**

****

**Explanation:**  
 This query retrieves the five movies with the highest total votes and lists their genres. Shows the most popular movies by audience engagement.

**Question 23:**

Identify the movie with the longest duration, along with its genre and production company.

**Query:**

SELECT

M.title,

M.duration,

G.genre,

M.production\_company

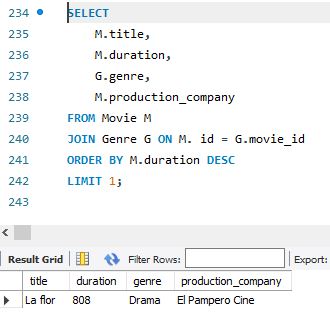
FROM Movie M

JOIN Genre G ON M. id = G.movie\_id

ORDER BY M.duration DESC

LIMIT 1;

**Output:**

****

**Explanation:**  
 This query finds the movie with the longest running time and shows its genre and production company. Identifies epic-length films.

**Question 24:**

Determine the total number of votes for each movie released in 2018. **Query:**

SELECT

M.title,

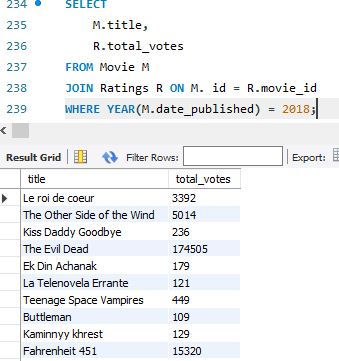
R.total\_votes

FROM Movie M

JOIN Ratings R ON M. id = R.movie\_id

WHERE YEAR(M.date\_published) = 2018;

**Output:**

****

**Explanation:**  
 This query lists movies released in 2018 and their total number of votes. Focuses on audience reception for 2018 releases.

**Question 25:**

What is the most common language in which movies were produced? **Query:**

SELECT

languages,

COUNT(\*) AS Movie\_Count

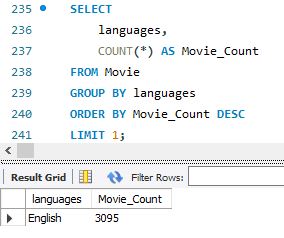
FROM Movie

GROUP BY languages

ORDER BY Movie\_Count DESC

LIMIT 1;

**Output:**

****

**Explanation:**  
 This query finds the language in which the highest number of movies were produced. It shows the dominant production language.