

Filter with HAVING

Question:

Filter with HAVING

Practice using HAVING to find out which countries (or country) have the most varied film certifications. Use the following steps to build the query: - Select the country from the films table, and get the distinct count of certification aliased as certification_count. - Group the results by country. - Filter the unique count of certifications to only results greater than 10.

The screenshot shows a web browser with a SQL exercise on DataCamp. The exercise is titled "Filter with HAVING" and asks to find countries with more than 10 different film certifications. The instructions are: 1. Select country from the films table, and get the distinct count of certification aliased as certification_count. 2. Group the results by country. 3. Filter the unique count of certifications to only results greater than 10. The query editor shows a partially written query: 1 -- Select the country and distinct count of certification as certification_count 2 3 -- Group by country 4 5 -- Filter results to countries with more than 10 different certifications 6. The query result area shows "No query executed yet..."

Correct Query:

```
-- Select the country and distinct count of certification as certification_count
SELECT country, COUNT(DISTINCT certification) AS certification_count
-- Group by country
FROM films
GROUP BY country
-- Filter results to countries with more than 10 different certifications
HAVING COUNT(DISTINCT certification) > 10;
```

Explanation:

1. `SELECT country, COUNT(DISTINCT certification) AS certification_count:`
This selects the 'country' and counts the distinct 'certification' values for each country, aliasing it as `certification_count`.

2. `FROM films:`
Indicates that the data is being queried from the 'films' table.

3. `GROUP BY country:`
Groups the data by 'country', so the count of distinct certifications is calculated per country.

4. `HAVING COUNT(DISTINCT certification) > 10:`
Filters the grouped results to include only those countries where the number of distinct certifications is greater than 10.