

Table name: country_pollution

Country	Temperature	CO2 Emissions	Date(Year)
.....

Country_pollution

Country | Temperature | CO2 Emissions | Date(Year)

1. Question: Write a query to find the countries with the highest temperatures in the dataset?

Ans: select Country from Country_pollution
Where Temperature = max(Temperature);

2. Question: Write a query to identify the countries with the lowest CO2 emissions in the dataset.

Ans: select Country from Country_pollution
Where `CO2 Emissions` = min(`CO2 Emissions`);

3. Question: Write a query to find all temperature records above a specific value, for example, 20 degrees Celsius.

Ans: select * from Country_pollution
Where Temperature > '20 degrees Celsius';

4. Question: Write a query to list all countries with CO2 emissions data available for the year 2020.

Ans: select Country, `CO2 Emissions` from Country_pollution
Where Date(Year) = 2020 and `CO2 Emissions` is not null;

5. Question: Write a query to count the total number of temperature records in the Dataset.

Ans: select count(Temperature) from Country_pollution;

6. Question: Write a query to identify any countries with missing temperature data for a specific year, for example, 2015.

Ans: select Country from Country_pollution
Where Date(Year) = 2015 and Temperature is null;

7. Question: Write a query to find the average temperature for each year in the dataset.

Ans: select Date(Year), avg(Temperature) from Country_pollution
Group by 1;

8. Question: Write a query to calculate the total CO2 emissions for all countries in the dataset.

Ans: Select Country, sum(`CO2 Emissions`) from Country_pollution
Group by 1;

9. Question: Write a query to sort the temperature data in descending order based on the temperature values.

Ans: select * from Country_pollution
Order by Temperature desc;