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Lab3, India Weather Analytics using Historical Data Part-J

1. What is the average weather in May of all cities?. Display city and average temperature in descending order.

select city,avg(temp) from india where month=5 group by city order by avg(temp) desc;

2. Show the average historic temperature (from year 1995 to Feb 2020, entire table) in each city in ascending order of city name.

select city,avg(temp) from india group by city order by city asc;

3. Show lowest, highest and average temperature in Kolkata during 2010 to 2020

select min(temp),max(temp),avg(temp) from india where city='kolkata' and year>=2010;

4. Find cities and average temperature which recorded atleast 40 degree Celsius in April 2019

select city,avg(temp) from india where temp>=40 and year=2019 and month=4 group by city;

5. Show monthwise average temperature in Chennai in 2019. Print month name and average temperature values

select month,avg(temp) from india where city='chennai' and year=2019 group by month;

6. Show year wise average temperature of Mumbai. Print year and corresponding average temperature values, in descending order

select year,avg(temp) from india where city='mumbai' group by year order by year desc;

7. Show city wise yearly average temperature values for the years 2017, 2018 and 2019. City names as rows and years as columns. Each cell will denote its average temperature value.