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Lab2 ,India Weather Analytics using Historical DataPart-1

1. What is the lowest, highest and average temperature of your dataset (from year 1995 to February 2020)?

Select max(temperature), min(temperature), avg(temperature) from india;

2. What is the average temperature in May 2019 in Chennai?

Select avg(temperature) from india where month=5 and year=2019 and city='chennai';

3. Which is the hottest day in 2019 in Delhi?

select 'hottest day', day, month from india where temperature=(select max(temperature) from india where year=2019 and city='delhi');

4. Which is the coldest day in 2018 in Chennai?

select 'coldest day', day, month from india where temperature=(select min(temperature) from india where year=2018 and city='chennai');

5. Which is the coldest year in December?. Print city and temperature.

select city, temperature, year from india where temperature=(select min(temperature) from india where month=12);

6. Which is the hottest city in India in 2017?

select 'hottest city', city from india where temperature=(select max(temperature) from india where year=2017);

7. Is winter in Delhi in January 2017 colder than Mumbai?. Print average temperature of Delhi and Mumbai too

select min(temperature) , avg(temperature) from india where city='delhi' and month=1 and year=2017;

select min(temperature), avg(temperature) from india where city='mumbai' and month=1 and year=2017;

8. Display the day ,month, year and city of the coldest day.

Select day, month, year, city from india where temperature=(select min(temperature) from india);