

Explore Weather Trends

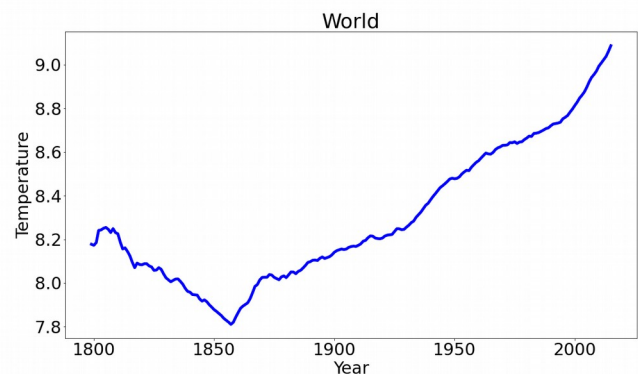
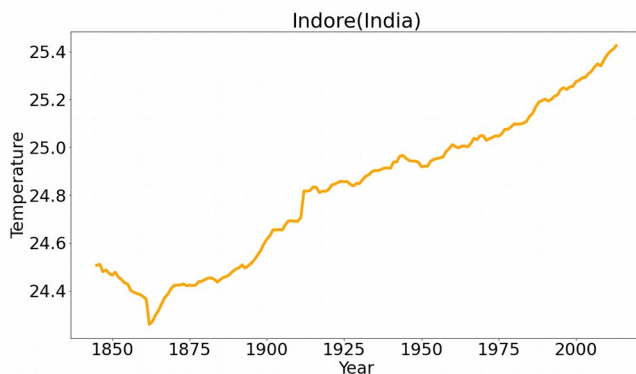
Steps to Get Data -

Using SQL command we get the data and downloaded it in CSV format.

SQL queries to get data-

- `select * from city_data`
WHERE country = 'India' and city = 'Indore'; (To get the data of Indore city in India)
- `select * from global_data;` (To get global temperature data)

Next I used python to calculate Moving Average. I have taken a window of 50 years to get moving average. I have attached my PDF Jupyter Notebook of code that describes my steps towards getting moving average and getting plots.



Now let's Observe the plots we can conclude

1. Due to global warming(Probably) global as well as indian temperature increasing.
2. Indore is warmer city as compare to average of world.
3. Before 1855 temperature were decreasing but after that it starts increasing.