1. Extract data from database with 3 SQL command lines

```
SELECT *
FROM city_list

WHERE country = 'India';


 SELECT *
FROM global_data;
```

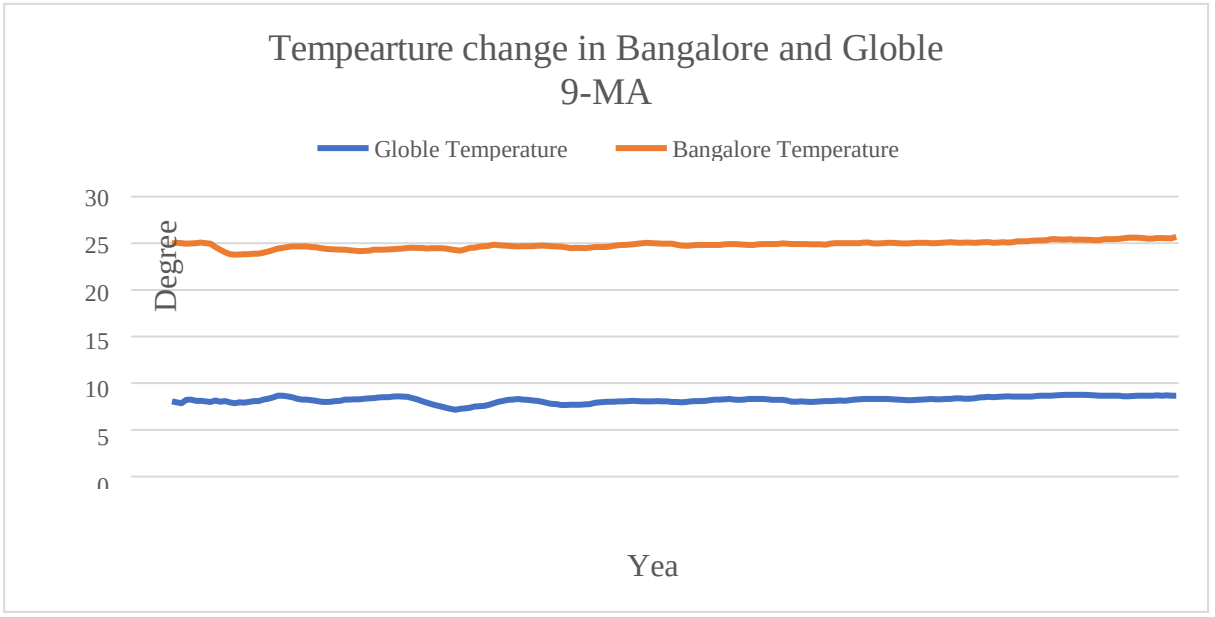
2. Tools Used

   Python
   Sql
   Excl

3. Visualize the data

   Select the moving average column, click insert, insert data and customize the charts: Change background color, title, add x axis

Line Chart for Bangalore and Global Temperature:

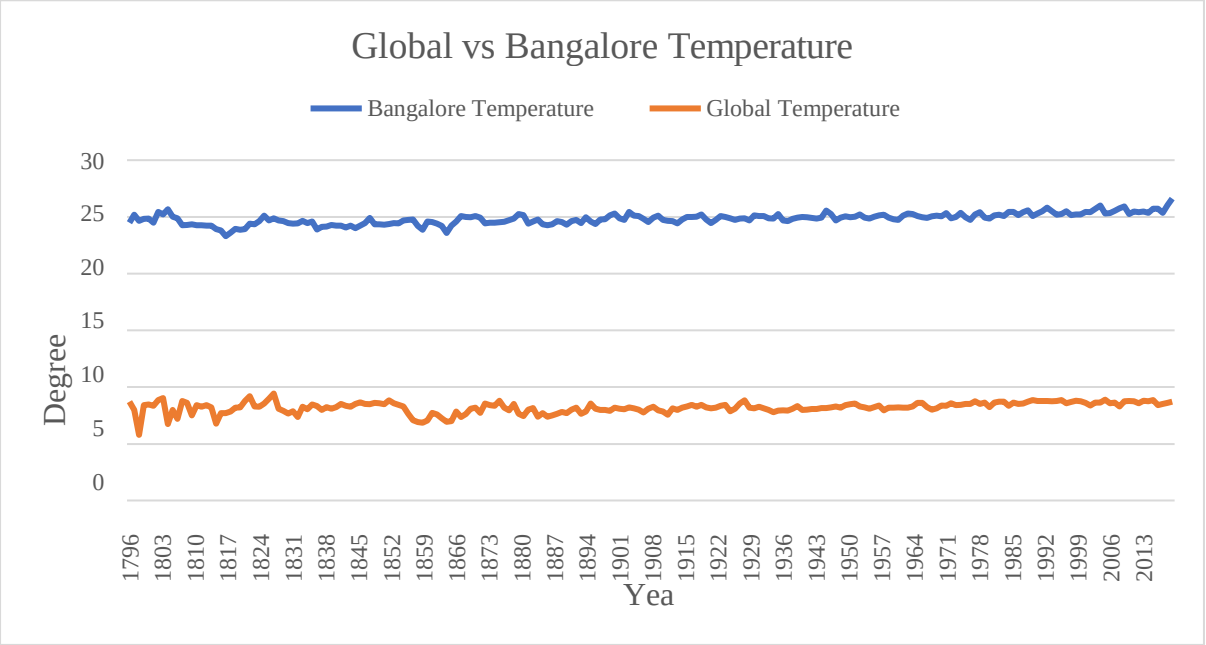


RESULT - Observations:

- I have observed that, moving **Global** average temperature is varying between **7.15 to 8.67** Degree Celsius but **Bangalore** city average temperature is varies between **23.8 to 25.68** Degree Celsius.

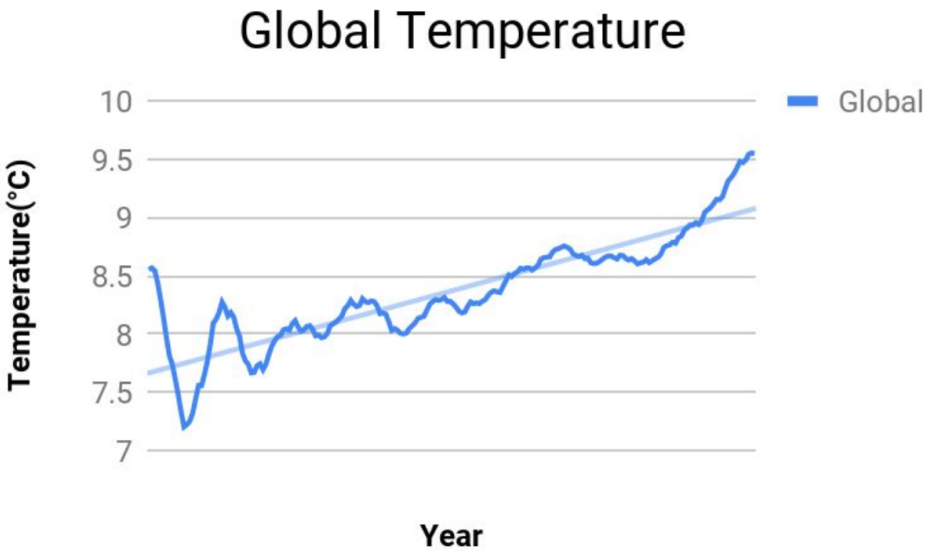
- **Global** average temperature is varies between **7.15 to 8.67** Degree Celsius but **Bangalore** city average temperature is varies between **23.8 to 25.68** Degree Celsius.

Conclusion Line Chart:



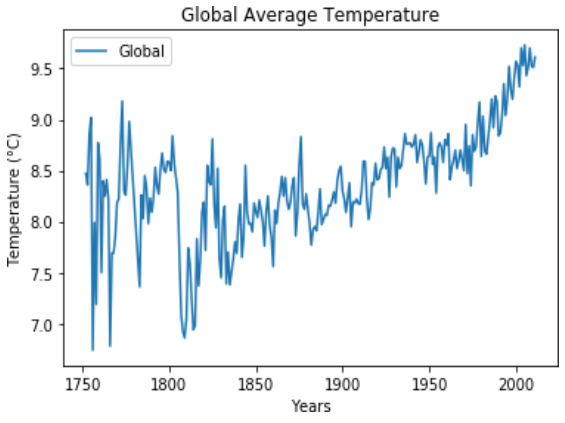
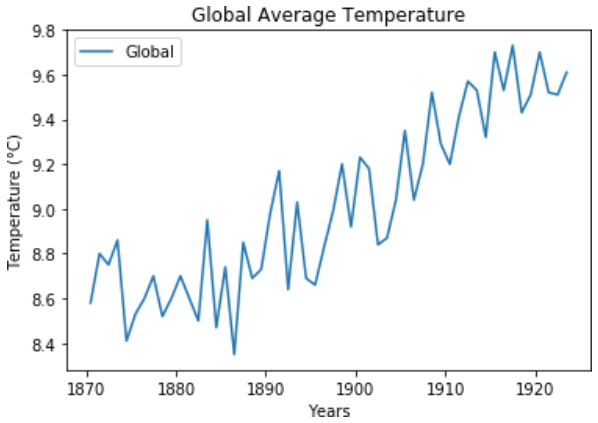
From This line chart we can see that eventually the graph is moving upwards which means the global temperature is rising which is directly proportional to increase in temperatures of the city.

Global Temperature ∞ Bangalore Temperature



I have plotted Line chart for global data separately to observe difference between Global Average Temperature and the city Bangalore.

Now I have combined both Global Average Temperature and Bangalore with 10 year MA.
Here is a Line Chart of GAT and Bangalore Average Temperatures for 10 Year MA.

	
moving average 5	moving average 180