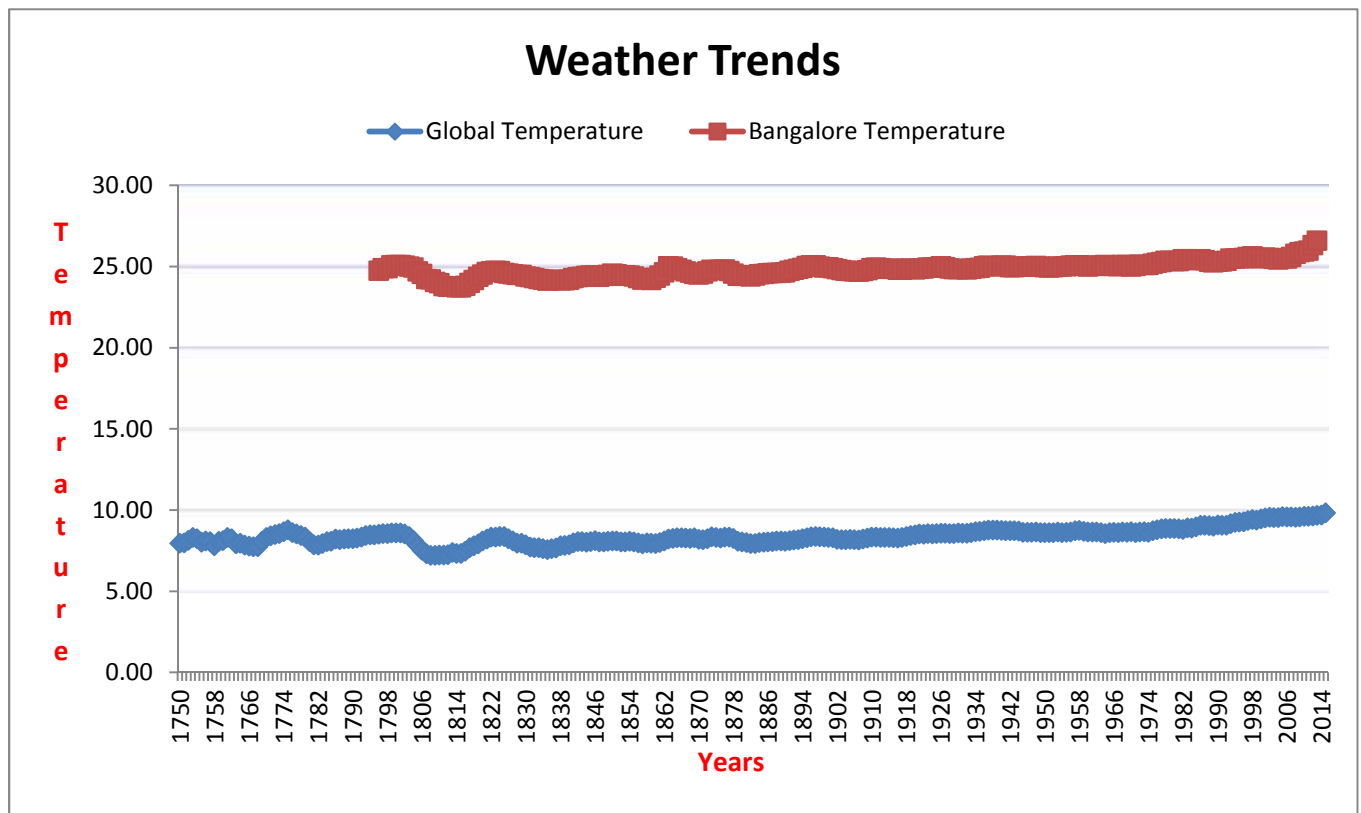# Project - Exploring Weather Trends

-) I have used SQL to extract the data and MS-Excel to draw line chart.
-) I used 6 year Moving-Average to calculate moving average for Global & Local city temperature.
-) A line chart will be perfect to visualize the temperature trends, keeping **years** on X-axis and **temperature** on Y-axis.

SQL Queries:

1. select * from global_data
2. select year, avg_temp from city_data where city like '%Bangalore%'

Line Chart:

Observations:

- Bangalore is hotter.
- The temperature of Bangalore is more over consistent with growing years with respect to Global temperature.
- For Bangalore, the average temperature seems to be increasing in coming years.
- World is getting hotter.
- Global average temperature is surging with respect to increase in years.
- Both of the temperatures (Global, Bangalore) are having positive correlation coefficient.