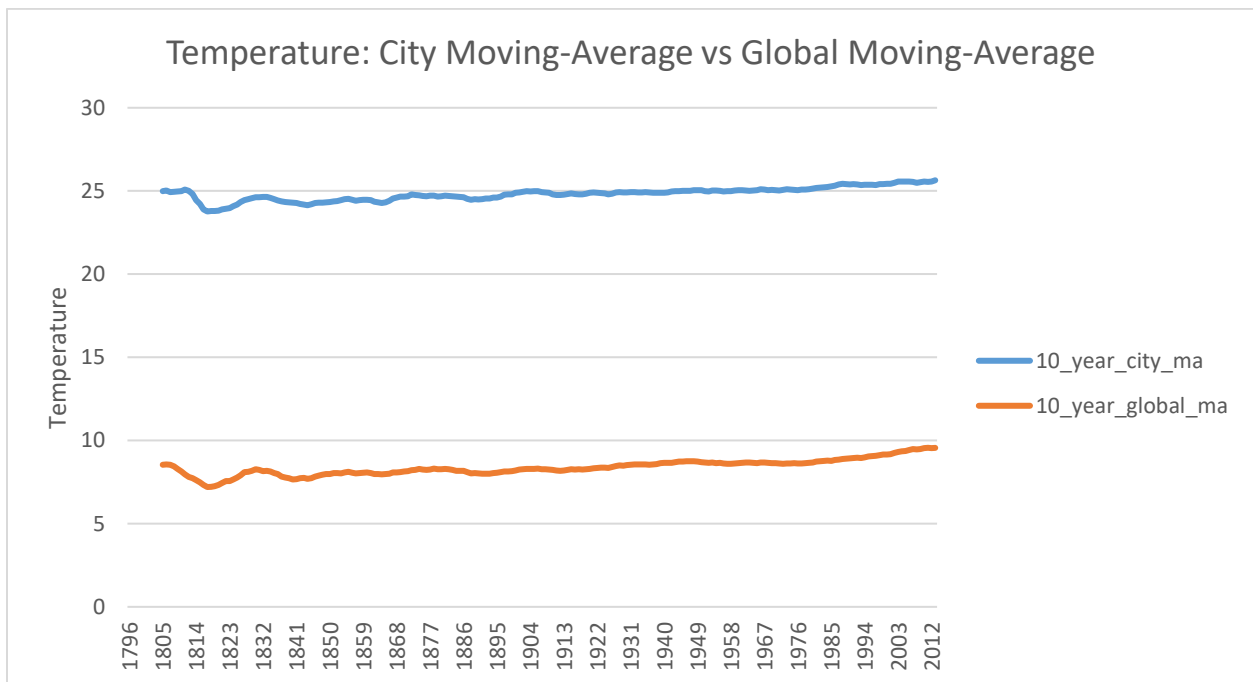


## Project: Explore Weather Trends

### OUTLINE:

- The data was extracted from the database using SQL commands and exported as CSV:  
**Global-Data:** select \* from global\_data  
**City-Data:** select \* from city\_data where city='Bangalore'
- The 10-year moving average was calculated for both City and Global data using MS Excel.
- 1796 and 2013 were considered to be the starting and ending year for visualization as per availability of city and global temperature data.

### LINE CHART:



### OBSERVATIONS:

- Both city and global average temperatures share the same trend in temperature over the period 1796-2013.
- Bangalore (City) has an average temperature of 24.85 degrees over the period 1796-2013 whereas the average global temperature is 8.40 degrees. Bangalore is hotter than the global average by 16.45 degrees.
- From 1808 to 1826, both global and city temperatures drop by 1-2 degrees.
- Over the last few hundred years, both city and global average temperatures have been increasing by 1-2 degrees.