Project 1

Exploring Weather Trends

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Goal of project:

Compare local moving average temperature with global.
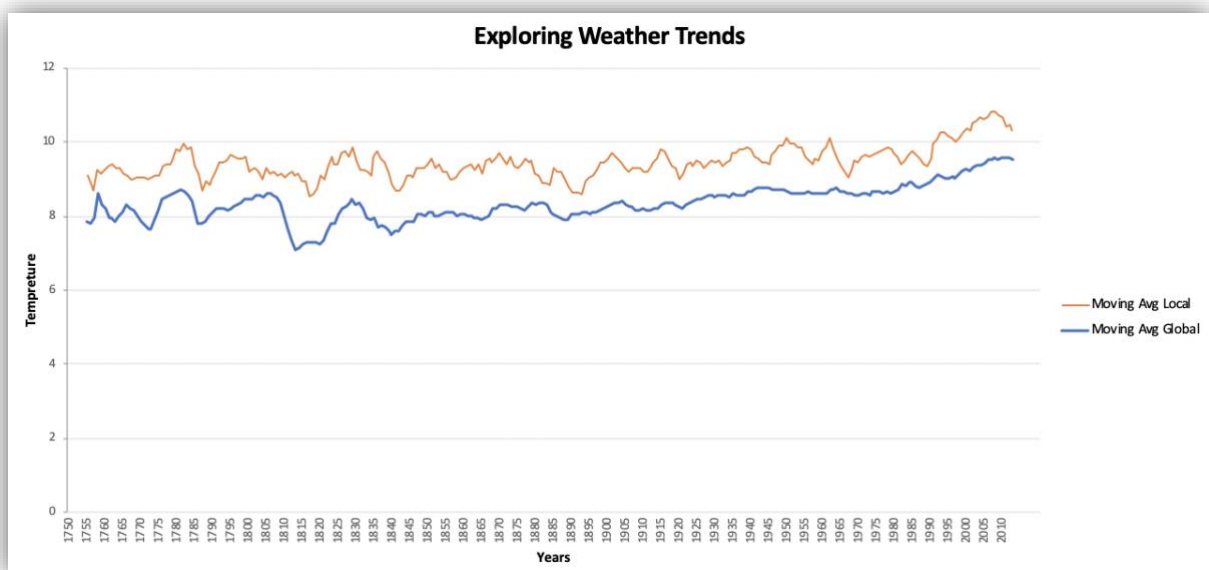
Tools used in the project:

- SQL: For extract data for city and global weather.
- Excel: For cleaning data and extract graph by using the moving average in both local and global temperature.

I choose London city in United Kingdom.
For calculated the moving average I choose the average to be in each 5 years, as example **=AVERAGE(B2:B6)**.
I consider the changing in temperature to be more accurate that the moving average be calculated for each 5 years also, to understand the visualization first I do two graph one for London city and one in the global.

Visualization:

Observations:

- The world getting hotter in last 100 years.
- London city temperature was between the 9 – 10 degree in many years but it increases the temperature since 1990.
- The state of temperature in London fluctuate it goes up and down.
- The trend relation between the global temperature and the London city it can be matching since they all are increasing.