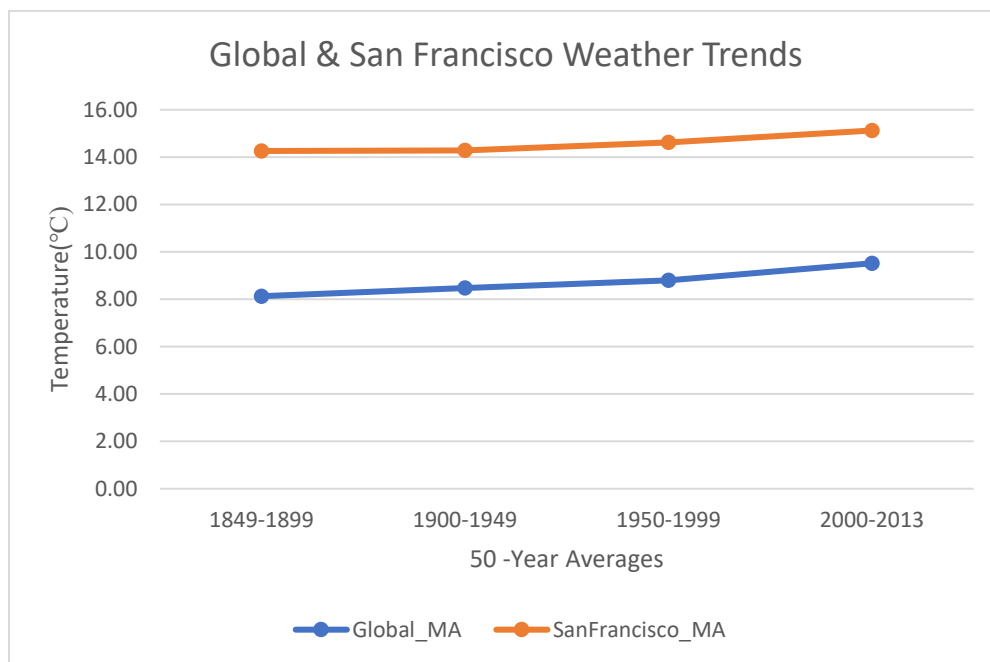


### Outline:

- Used sql to extract data
- Used Excel to create line chart after moving the extracted data from SQL Table to CVS table.
- Averaged 50-year temperature data to make the chart more readable.
- Wanted to compare the global and San Francisco temperature changes over the years so I plotted the data on the same chart to make it easily scannable for the readers.

<b>Extract 'San Francisco' data from city_data &amp; city_list:</b> select * from city_data c Join city_list cl on cl.city=c.city where c.city = 'San Francisco'	<b>Extract global data from global_data:</b> select * from global_data
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### Line Chart



### Observations:

- San Francisco avg. temperature is warmer than Global avg. temperature.
- San Francisco and Global data show that both has similar temperature increasing trend over the years.
- The avg. temperature difference between San Francisco and Global stayed the same about 4 °C over the years.
- Temperature averages both San Francisco and Global made a bigger temperature jump after 1950s.