PROJECT: EXPLORE WEATHER TRENDS (RESUBMISSION)

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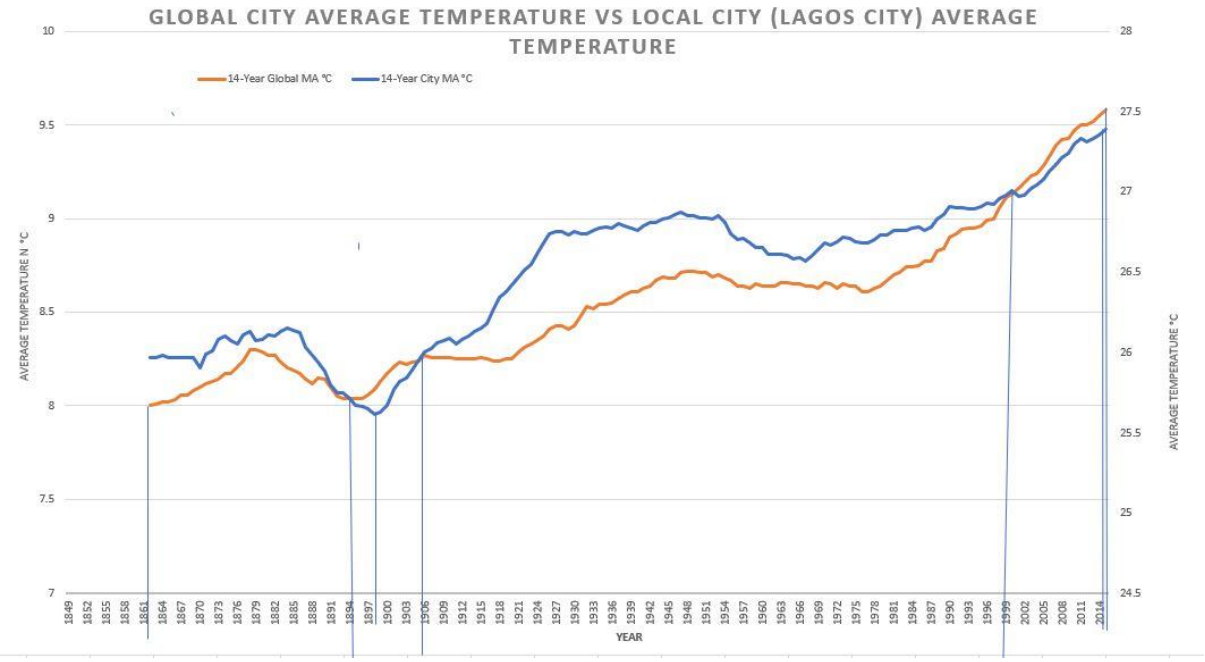
SUMMARY ON MY PROJECT

A. query to extract the city data;
   - Select * from city_data
   - Where country = 'Nigeria' and City= 'Lagos';

   SQL query to extract the global data;

   A. Select * from global_ data

B. Extract data to CSV and download it.
C. Open up the CSV using Excel 2019.
D. The moving average is 14-Year MA.
E. In deciding how to visualize the trend, what I am considerate about, is that, the graph should be able to prove the relationship between the Local average temperature (Lagos city, Nigeria) and the Global average temperature by calculating the moving average.



F. Observation on the data visualization.
    1. Equilibrium points appears three times:
        - The first equilibrium appears on 1894;
        - The second equilibrium appears on 1906;
        - The third equilibrium appears on 1999.
    2. The lowest point for Local is in between 1897 and 1990, while the lowest point for Global is on 1862.
    3. The highest point for Local and Global is on 2015.
    4. The trend line for Local and Global is a broken line graph, which indicate that there is a change overtime.

THE CORRELATION CO-EFFICIENT FOR THE MOVING AVERAGE OF LOCAL AND GLOBAL AVERAGE TEMPERATURE.