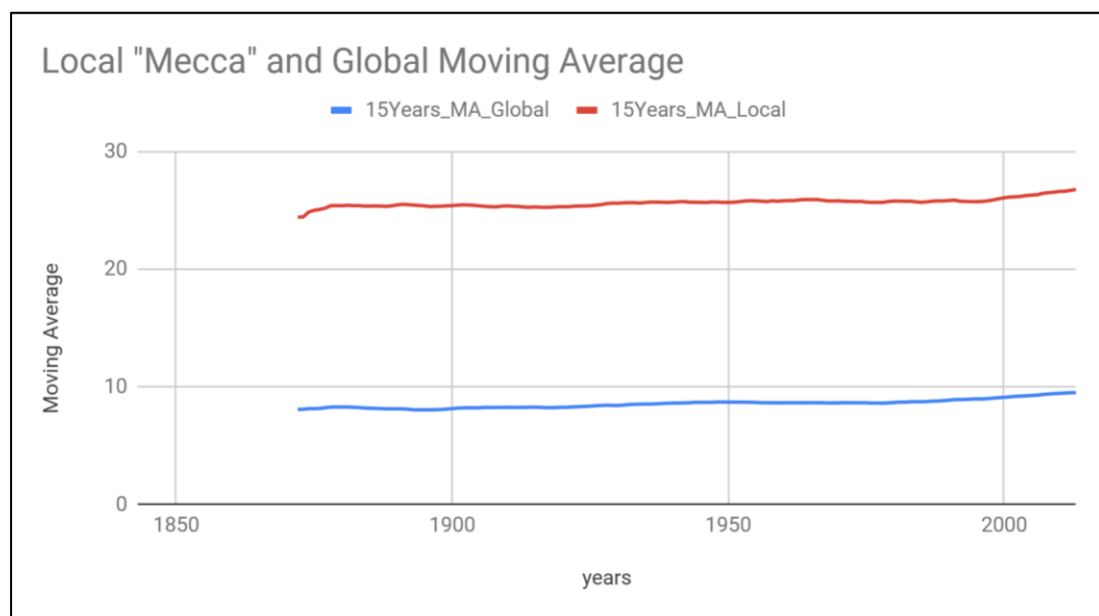


### The steps taken to prepare the data to be visualized in the chart:

- The nearest city from Jeddah is Mecca, so I did choose Mecca to compare its temperature with global temperature.
- I used SQL to retrieve the data and Excel for visualizing the local and global temperature and plotting the moving average.
  - SQL Queries:
    - `Select * from global_data;`
    - `select year, avg_temp from city_data where city='Mecca' and avg_temp <> 0 ;`
- I cleaned up the data by removing blank data for more satisfying viewing.
- I calculated the Moving Average for local and global temperature for 15 years using AVERAGE() function.

### Line Chart:



### My Observations:

- Mecca's is considered hot city, comparing with the global temperature of the world.
- Mecca's temperature is raising over the time as the global temperature raising.
- Looking at the chart above, I observe that Mecca is hotter on average compared to the global average.
- The 15 years Moving Average is increasing for both local and global temperature, thus the world is getting hotter over the years.