Outline

- **What tools did you use for each step? (Python, SQL, Excel, etc)**

The following 2 queries is used to extract the data to CSV:

- SELECT * FROM city_data WHERE city ='Riyadh';
- SELECT * FROM global_data ;

I used Microsoft Excel to manipulate data and I did clean my data by replacing the null value with average of temperature

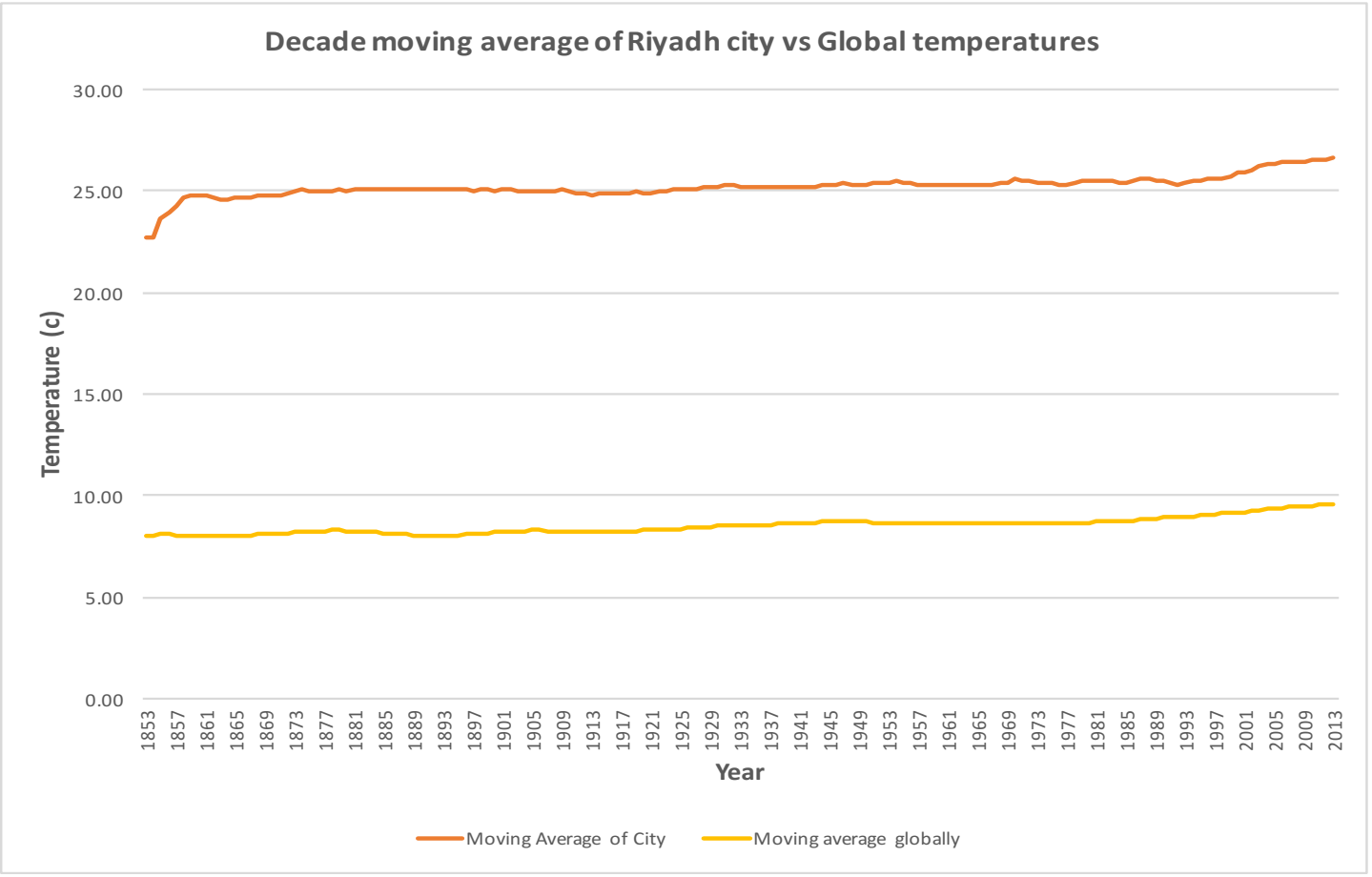
- **How did you calculate the moving average?**

I calculated it used decade (10 years) moving average for city and global temperatures

- **What were your key considerations when deciding how to visualize the trends?**

I used the line chart using primary (city moving average) and secondary (global moving average) acis

LINE CHART



Observation #1
Riyadh city is way hotter than the global average temperature

Observation #2
The temperatures of Riyadh city has not been changes that much until 1998

Observation #3
Both temperatures in Riyadh and globally has increased (hotter) in in 1998 and in ward, which may support the global warming theory.

Observation #4
The weather globally is becoming hotter since 1853 and the trend is becoming positive trend