

Exploring Weather Trends

- **SQL Queries:**

Global Data	Select * From global_data
Local Data	SELECT year,city,avg_temp FROM city_data WHERE city = "Riyadh"

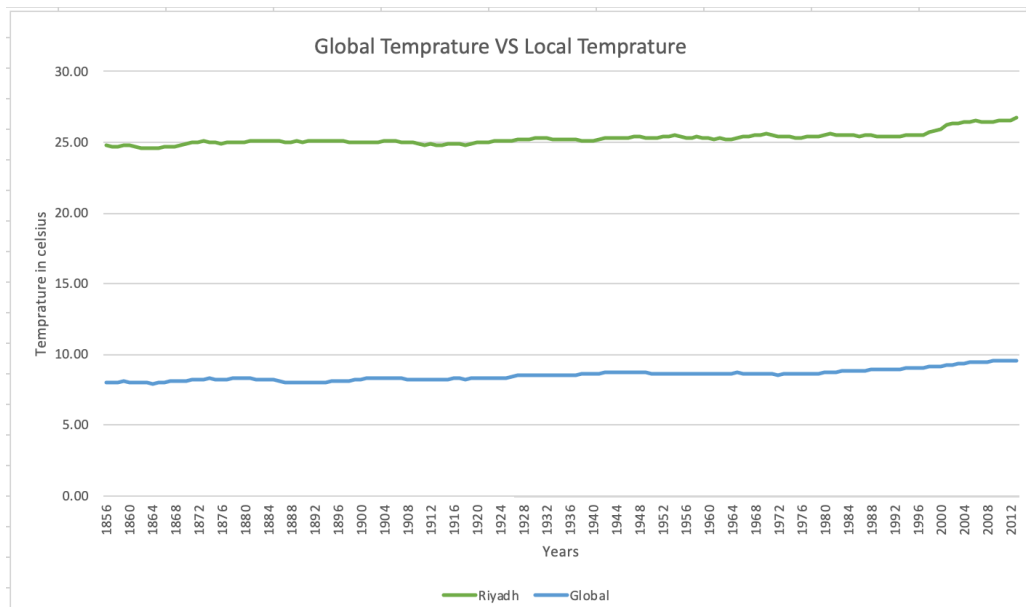
- **Excel Moving Average Commands:**

- 9 years moving average
Function =**AVERAGE**(C7:C15)

3	24.93	
4	24.72	
5	24.92	
6	24.75	24.75
7	24.26	24.71
8	25.01	24.74
9	24.95	24.80
10	24.94	24.79
11	24.13	24.71
12	23.77	24.59
13	24.28	24.54
14	25.03	24.55
15	25.23	24.62
16	24.92	24.70
17	25.22	24.72

- **Line Chart:**

- X= Year
- Y=Temperature
- Legend = Comparison between Global Temp and Riyadh Temp



- **Observation:**

1. Riyadh city is hotter compared with global temperature .
2. According to the chart, it can be told that the upwards trend has been consistent over years (approximately)
3. According to the graph the world is getting hotter .
4. The temperature can be guessed but not accurately 100% .