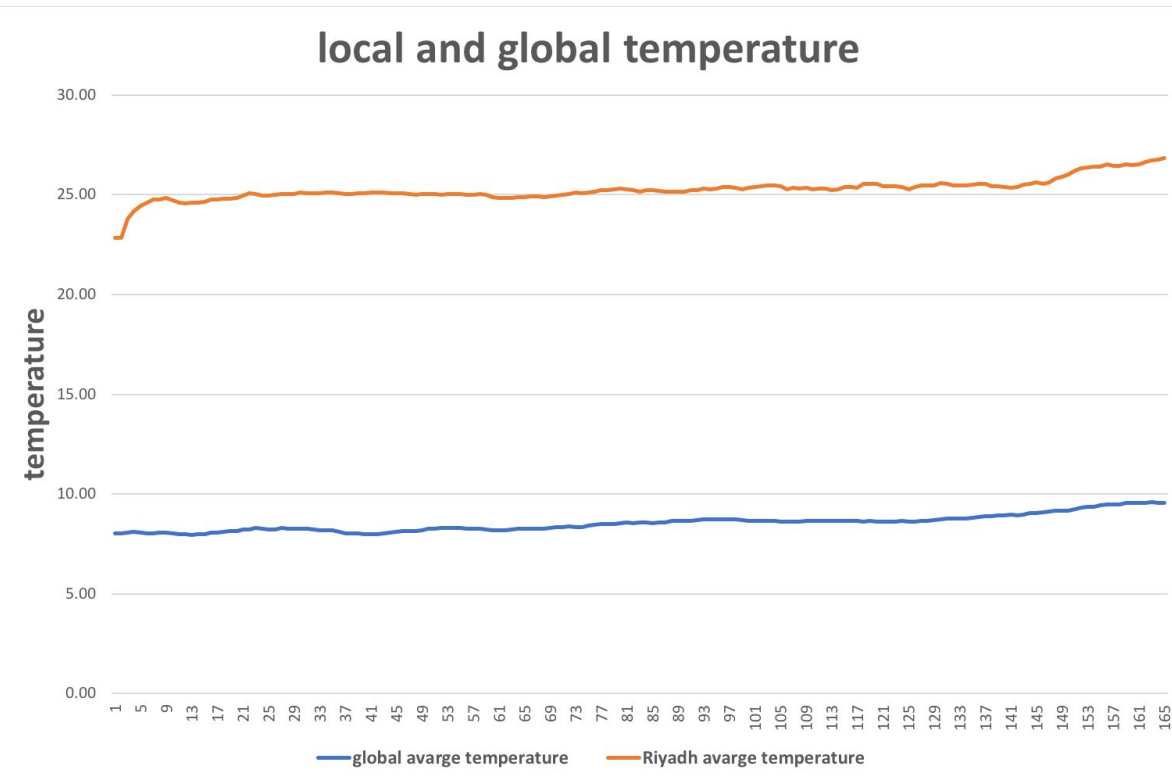


Turki Alsughayyir

Outline:

- By using SQL query i extracted the city level data and the the global data.
- 1. City level query: `select * from city_data Where city ='Riyadh'`
 - 2. the global data query: `select * from global_data`
- used Excel To analyze data and create a line chart.
- the moving average was calculated by making an average formula for every ten years.
- key considerations on designing the chart.

Exploring Weather Trends - Local And Global Temperature



1- As we can see here, a line chart shows us the average temperature in Riyadh, Saudi Arabia, compared to the global temperature, Huge difference Riyadh differently hotter than the average global weather for about 20 °C.

2- We can easily determine the average temperature of Riyadh during the past one hundred and sixty five years and ranges from 22.82 to 26.83 while the average temperature of the whole world ranges from 7.97 to 9.58 and the difference is very large.

3- in the early years, the city of Riyadh was much colder than the recent ones.

4- Finally, in recent years the temperature of both Riyadh and the world in general has increased significantly.

Thanks