



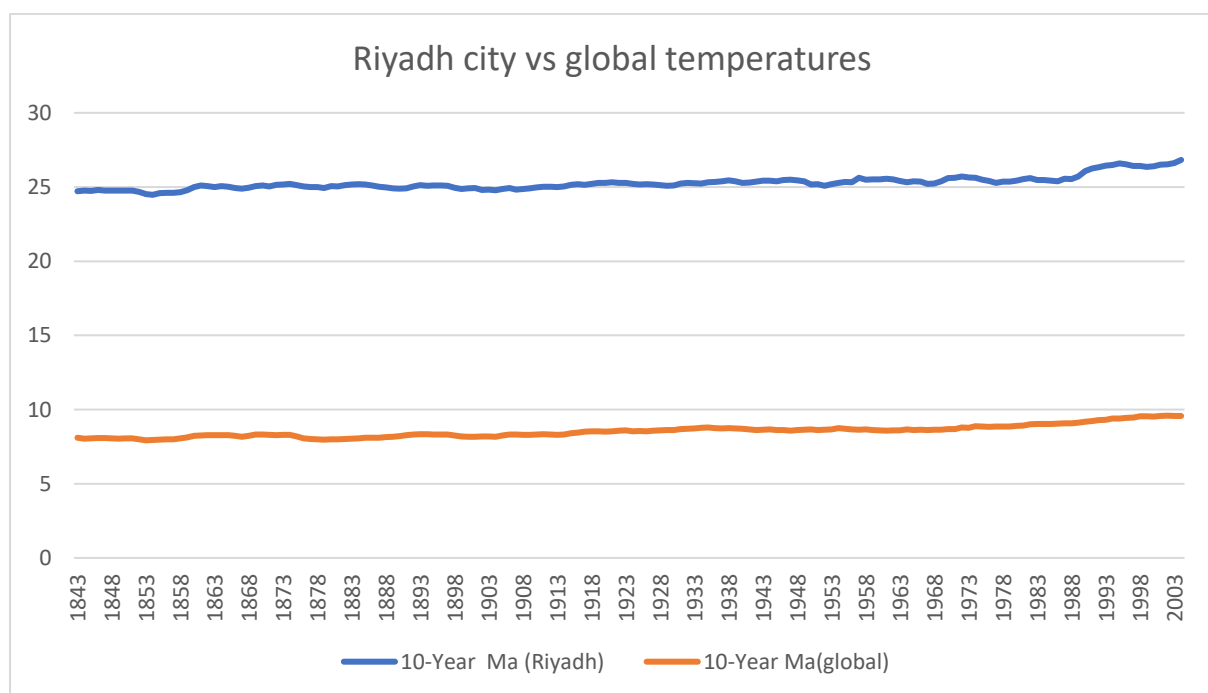
Data Analyst
Exploring Weather Trends

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Outline:

- 1- Extract the data from temperatures database by SQL Workspace.
- 2- Download the csv file for city_data and global_Data
- 3- Cleansing the dataset to start from 1843 because Riyadh city start with it.
- 4- Merge two sheet into a single Excel.
- 5- I Did Calculate Moving averages by start from 1849 and take the avg_temp for the seven-year previous.
- 6- Insert line chart.

Exploring Weather Trends



Riyadh city has climate desert continental. Hot dry in summer, rainy and humid in autumn.

We can see in the figure the average of Riyadh city is hotter than average of global temperature.

There is not much difference between Riyadh city and global temperature. it usually between 14 and 17.

As we can see in the figure the Riyadh city temperatures over time compare to the changes in the global average has strong correlation.

Finally, we can see the trend been temperature increased over the last twenty years is increase for both of Riyadh city and global average and the highest peak it was 2003.

Reference:

<https://ar.wikipedia.org/wiki/%D8%A7%D9%84%D8%B1%D9%8A%D8%A7%D8%B6#%D8%A7%D9%84%D9%85%D9%86%D8%A7%D8%AE>