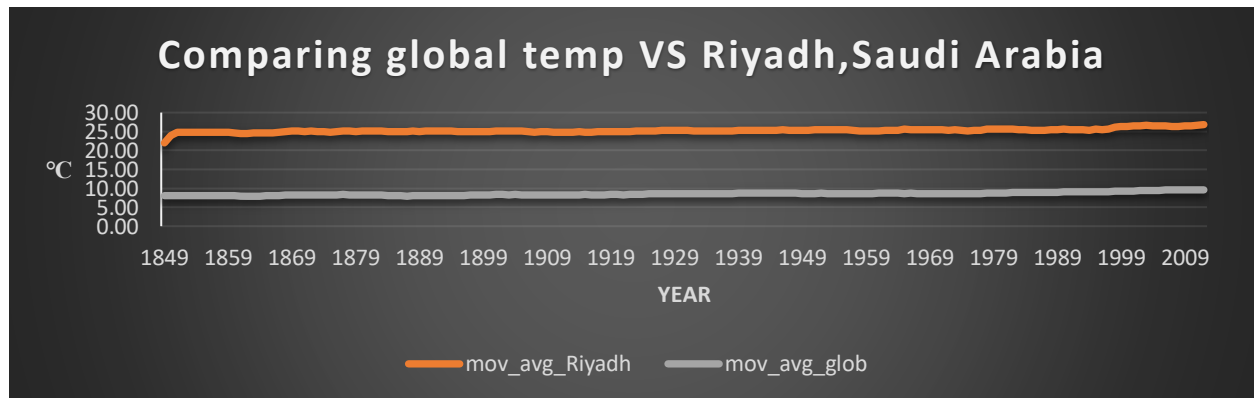# 1. The out line:

- I used the workspace for downloading the data by using SQL query
  - o For the global data (select * from global_data)
  - o Fror Riyadh which is my city (select * from city_data
    where city = 'Riyadh';)

- I used excel for calculating the moving average and creating the chart
- My key concern is not have the axis having too much date and the color to be clear and to the point
- Moving average formula on the 7th record is (=AVERAGE(D2:D8)) and I autofill the rest of records.

2. Line chart

3. observations:

- Riyadh city temperature is around 2.9X hotter than the global temperature.
- Riyadh temp was over 3x until around the year 1920s then went down below 3x.
- Both temperatures increased about 16% over the analyzed period.
- There is small carver in Riyadh temp line because it was missing 2 years average.
- The correlation between the global temp and Riyadh city is 0.80.

Riyadh forcast until 2030