

EXPLORING THE WEATHER TRENDS

-WHAT TOOL DID I USE?

google sheets

-HOW DID I CALCULATE THE MOVING AVG?

I selected the avg temp for 3 years

=average (B4:B2)

HOW DID I EXTRACT MY DATA USING SQL?

SELECT * from city_list

To see if my city is in the data

then I chooses my city Riyadh

SELECT avg_temp ,year from city_data where city='Riyadh'

I download the csv of the data

AVG temp

SELECT avg_temp ,year from city_data

I download the csv of the data

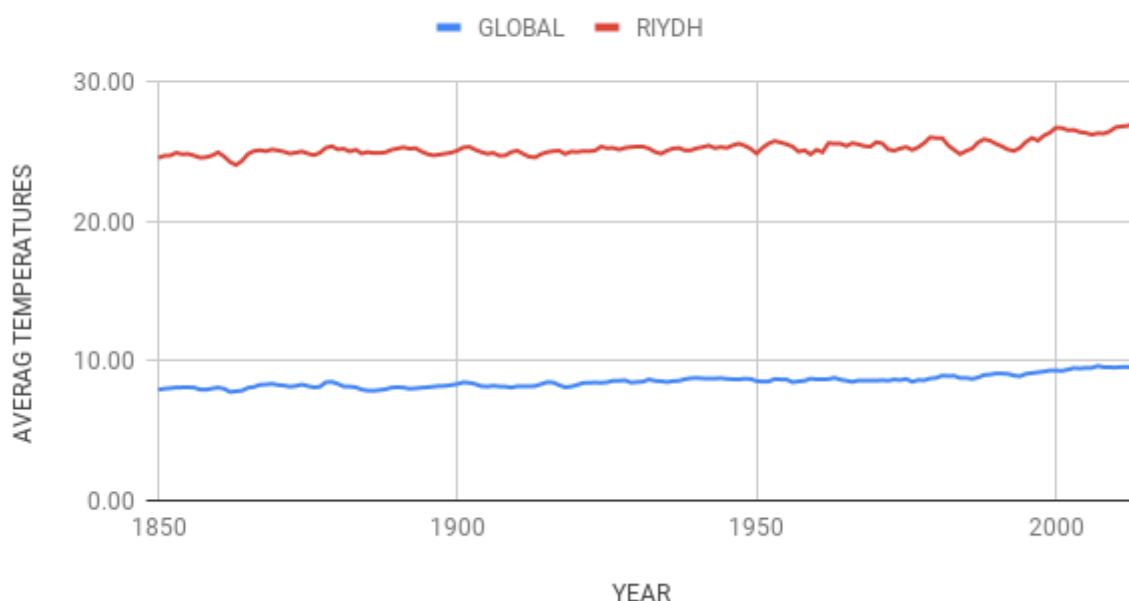
AVG temp

WHAT WAS MY KEY CONSIDERATION WHEN DECIDING HOW TO VISUALIZE THE TREND

I use line chart because it is easy to see the data than col & rows

and this a chart for the different in the temperature between 'Riyadh & Global'

Riyadh and Global Temperatures: (3 Year Moving Average)



this is a different tempter between my city and the global temp AS you will notice

**my city avg is hotter than the global
the global temp is getting hotter each year
from 2000 and above is the highest temp in Riyadh
in the 90s and 80s there was a drop of temp in Riyadh**