

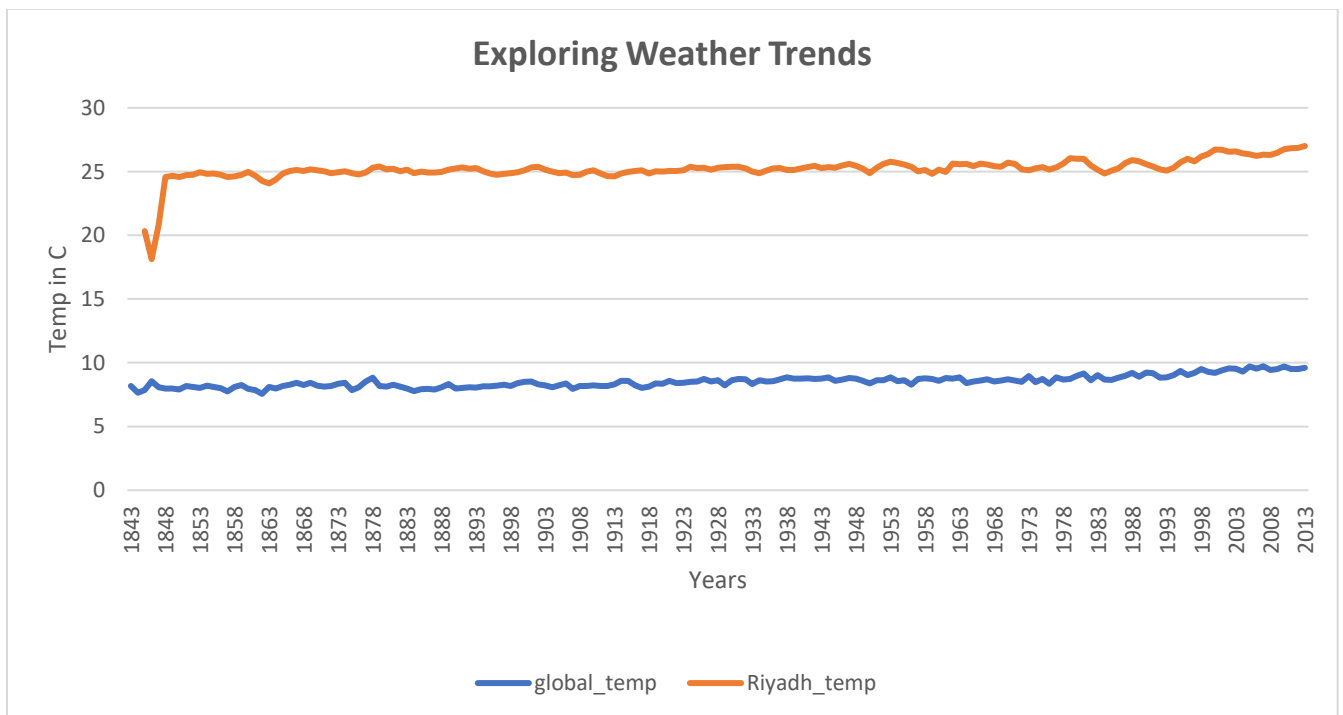
Exploring Weather Trend

1- I extract the data from the database using **SQL** with this query :

```
select city_data.year , global_data.avg_temp as global_temp ,  
city_data.avg_temp as Riyadh_temp  
from global_data JOIN city_data on global_data.year = city_data.year  
where city ='Riyadh'
```

2- I downloaded the Data as csv files in **Excel** then calculate the moving average from Data > analyze > Data Analysis > Moving Average .

3- after that I Create a line chart that shows the Riyadh temperature And global temperature using **Excel** .



In conclusion :

We see The difference between them is a lot , Riyadh is hotter than the global temperature .

We see in last years the temperature is going up for the global and Riyadh.

over a hundred years the trend has been consistent and kind of increasing lately.

since the past hundred years the temperature has been increasing I would think it will be increasing in the future for Riyadh and Globally .