**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 > anlayze > 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 .**