



# Weather Trend project

## First Project

First, I use SQL to extract data.

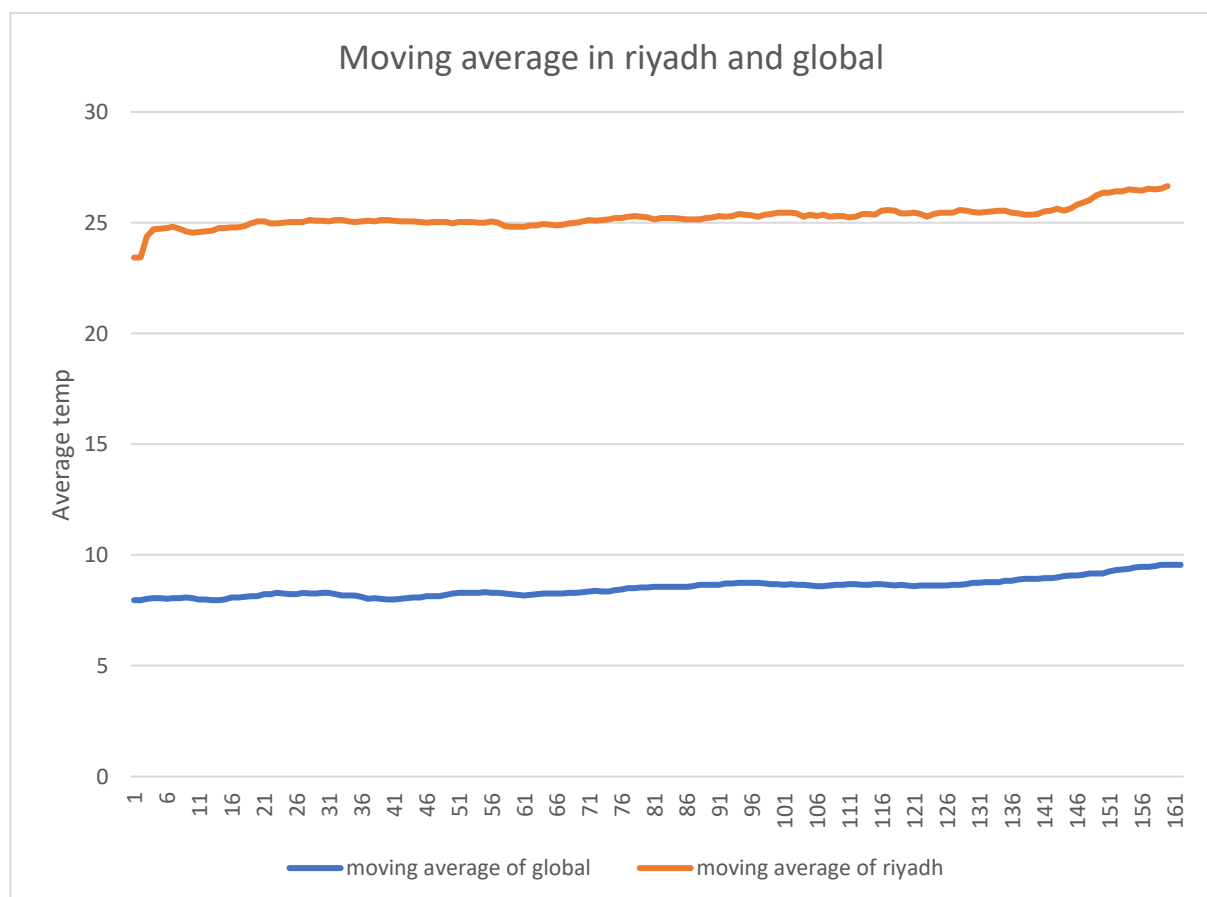
SQL statement:

- 1- For city  
select year,avg\_temp  
from city\_data  
where city = 'Riyadh'
- 2- For global  
select year,avg\_temp  
from global\_data  
where year between 1843 and 2013

(NOTE: I choose 1843 to 2013 because the data in Riyadh between them, and I deleted (1846 and 1847 ) because it's empty)

Then I use Excel to visualized chart and for calculate moving average I do it by 10 years.

## CHARTS



## Observation:

1-According to line chart, Riyadh moving average is hotter than global moving average temperature.

2-Average temperature in Riyadh between 1851 to 1858 was increasing 3 degree or more, but from year 1991 to 2012 the increasing was between 1.5 or 2 degree almost

3-global temperature from 1998 to 2013 was increasing between 1 to 1.5 degree almost

4-the world in last period getting hotter