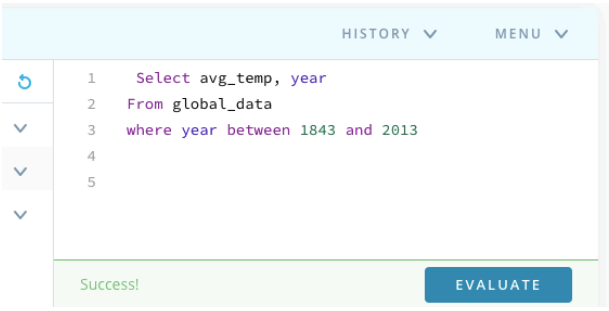
WEATHER TREND

HANA ALZAHRANI

Data Analysis
First project

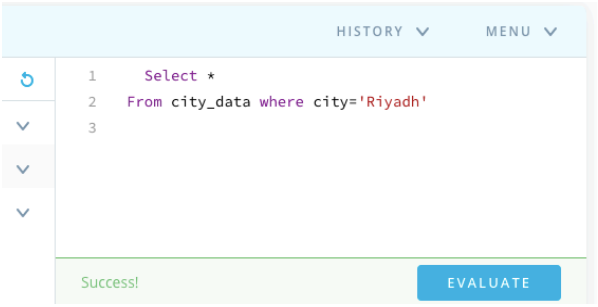
SQL Statement :

-SQL for extract data from global City:



I choose these Record of year(1843-2013) because that only I have in Riyadh record of Year

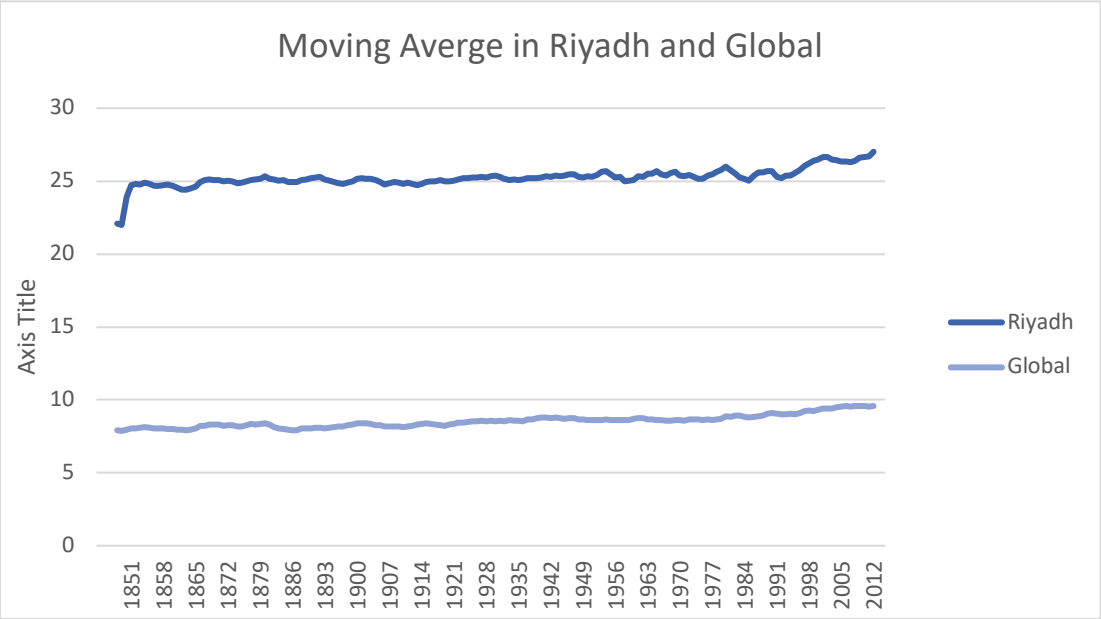
-SQL for extract data from Riyadh City:



- Open up the CSV

1. After I downloaded the result, I used Excel to calculate moving average and visualize data, The command that I used was "= AVERAGE(B2:B11)"
2. I draw the chart based on the yearly average temperature in Riyadh, global average temperature and year from (1843 – 2013) except year (1846 – 1847) because it's empty in Riyadh Record

- Create a line chart



Observations:

1. According to line chart, Riyadh average temperature is hotter than global average temperature, the temperature in Riyadh is higher approximately with 17 degrees
2. From 1851 to 1858 a significant increase in the temperature of the weather in Riyadh, more than 3 degrees, then from year 1991 to 2012 was increase almost 2 degrees.
3. From 1998 to 2013 the temperatures increasing almost 1.5 degree in other countries of the world
4. In the last period, there has been hurrying increase in the degree in temperature in Riyadh and global.