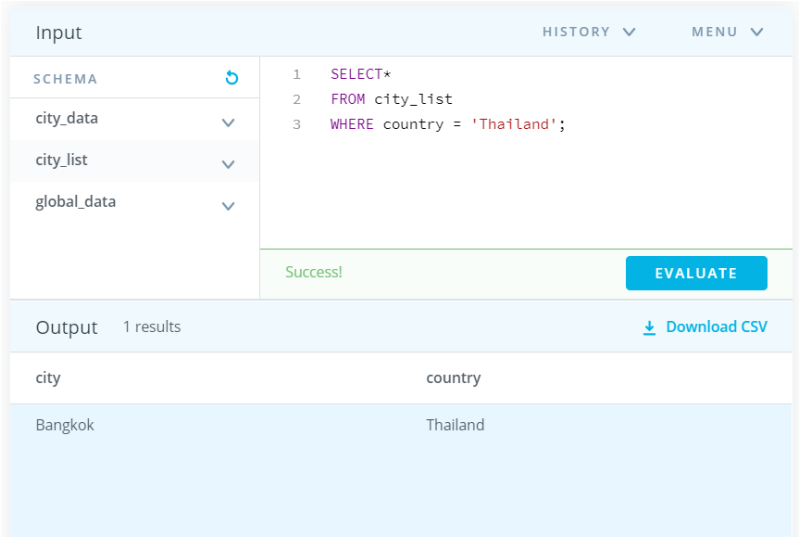
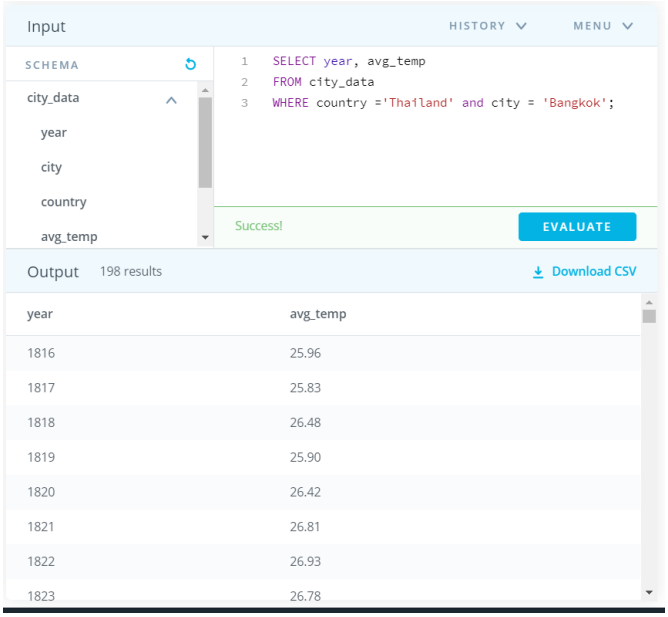
1. What tools did you use for each step?(Python,SQL, Excel,etc)

   Step 1. I used SQL queries to extract my data for the database.

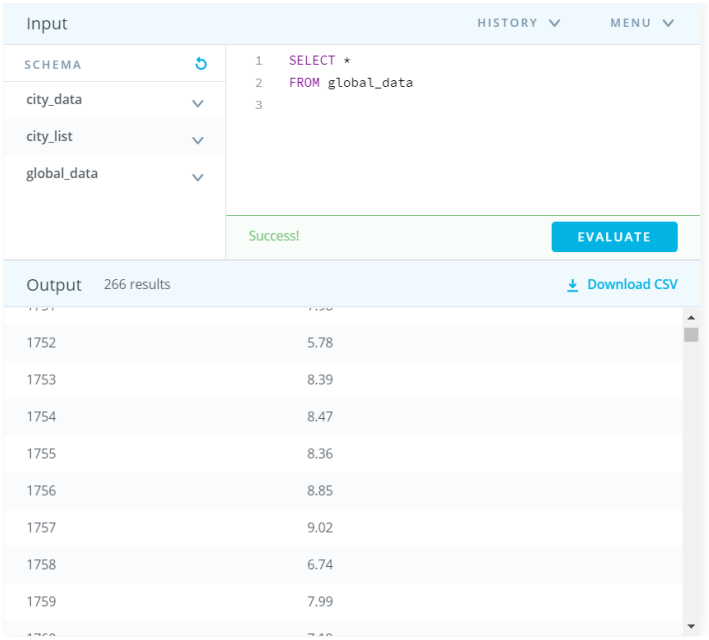
   Select the city in Thailand.



   Select city level data, Export to CSV.



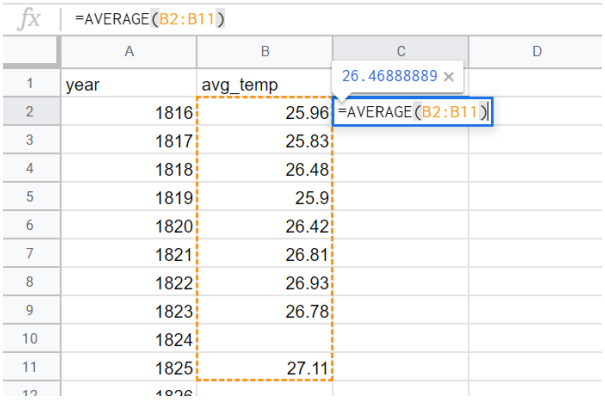
Select the global data. Export to CSV.



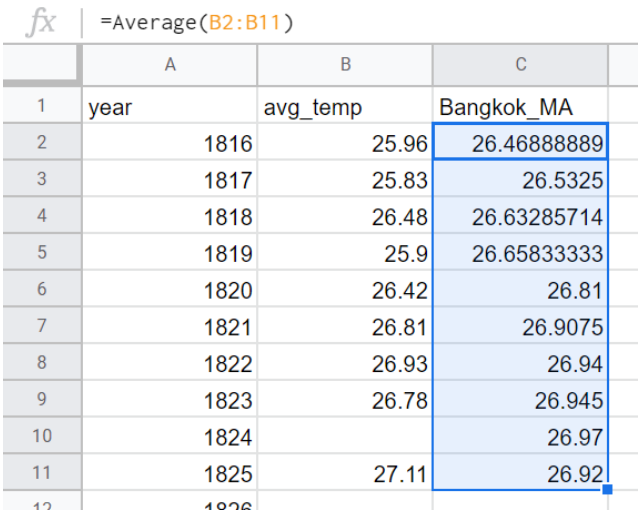
Step 2. I export the data using 

2. How did you calculate the moving aver?

I used Google Sheets to calculate moving averages of the first 10 years to smooth out data and create line chart.

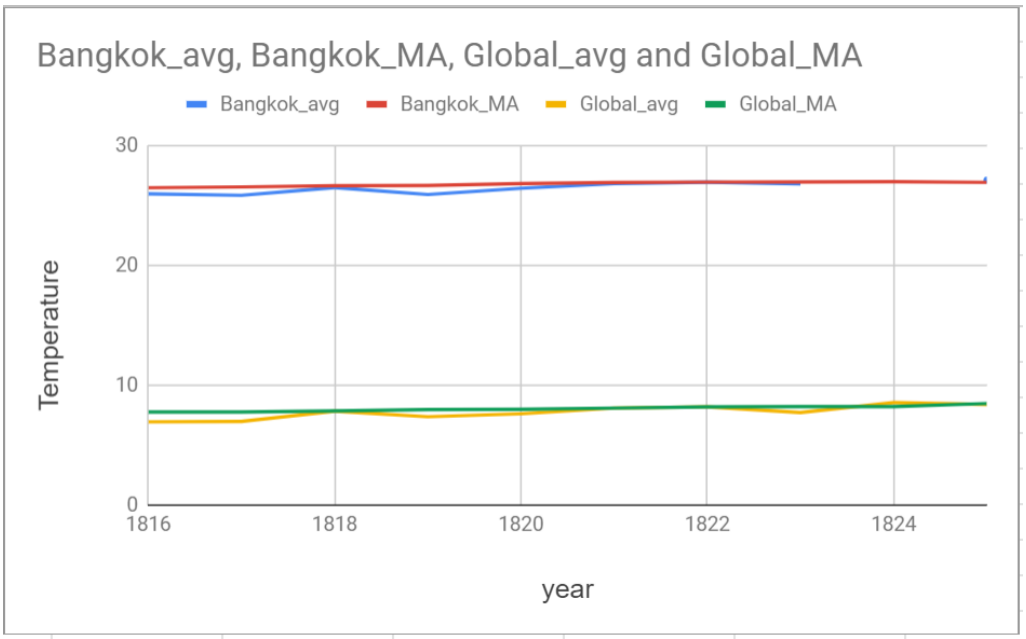


	A	B	C	D
1	year	avg_temp		
2	1816	25.96		
3	1817	25.83		
4	1818	26.48		
5	1819	25.9		
6	1820	26.42		
7	1821	26.81		
8	1822	26.93		
9	1823	26.78		
10	1824			
11	1825	27.11		



	A	B	C
1	year	avg_temp	Bangkok_MA
2	1816	25.96	26.46888889
3	1817	25.83	26.5325
4	1818	26.48	26.63285714
5	1819	25.9	26.65833333
6	1820	26.42	26.81
7	1821	26.81	26.9075
8	1822	26.93	26.94
9	1823	26.78	26.945
10	1824		26.97
11	1825	27.11	26.92

3. Line chart



Observation:

1. Bangkok's average temperature is observed to be much hotter than the global average temperature.

2. The different between Bangkok average temperature and the global average temperature has been consistent.

3. The global moving average temperature is increasing at a faster rate in comparison to Bangkok moving average temperature.

4. It’s shown that the world is getting hotter because the temperature is increasing each year.