What tools did I use for each step?

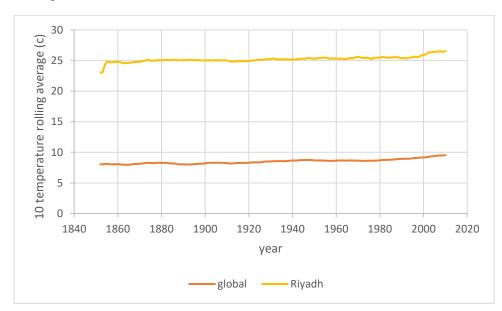
(SQL, Excel)

The instruction I used to SQL is:
select *from city_list;
select *from global_data;
select *from city_data where city='Riyadh';

How did I calculate the moving average?

Temperature for 10 years / 10 Every 10 years I take the average

Graph:



My observations:

- 1- The temperature in general is heading to increase the temperature .
- 2- My city is hotter on average compered to the global average .
- 3- difference been almost consistent over time
- 4- last 20 year record increase the temperature more the before .