

First Project : Explore weather trends .

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- 1- I choose Izmir as my city , then I extract data from a database using SQL and download the data as CSV.

Input

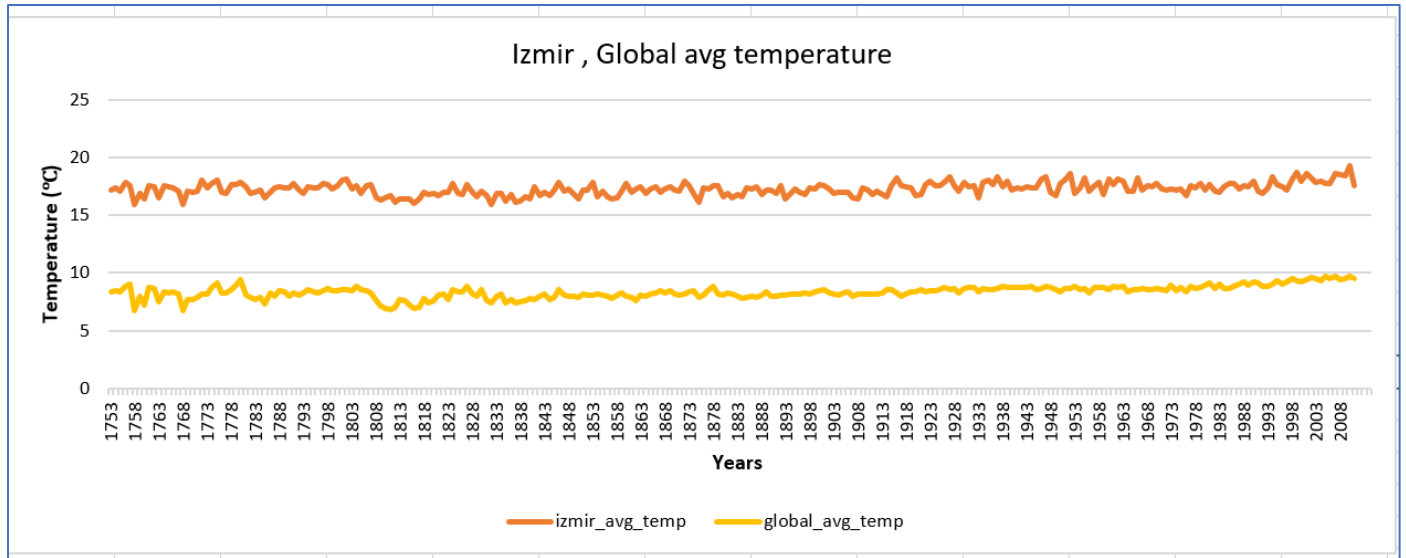
HISTORY ▾

MENU ▾

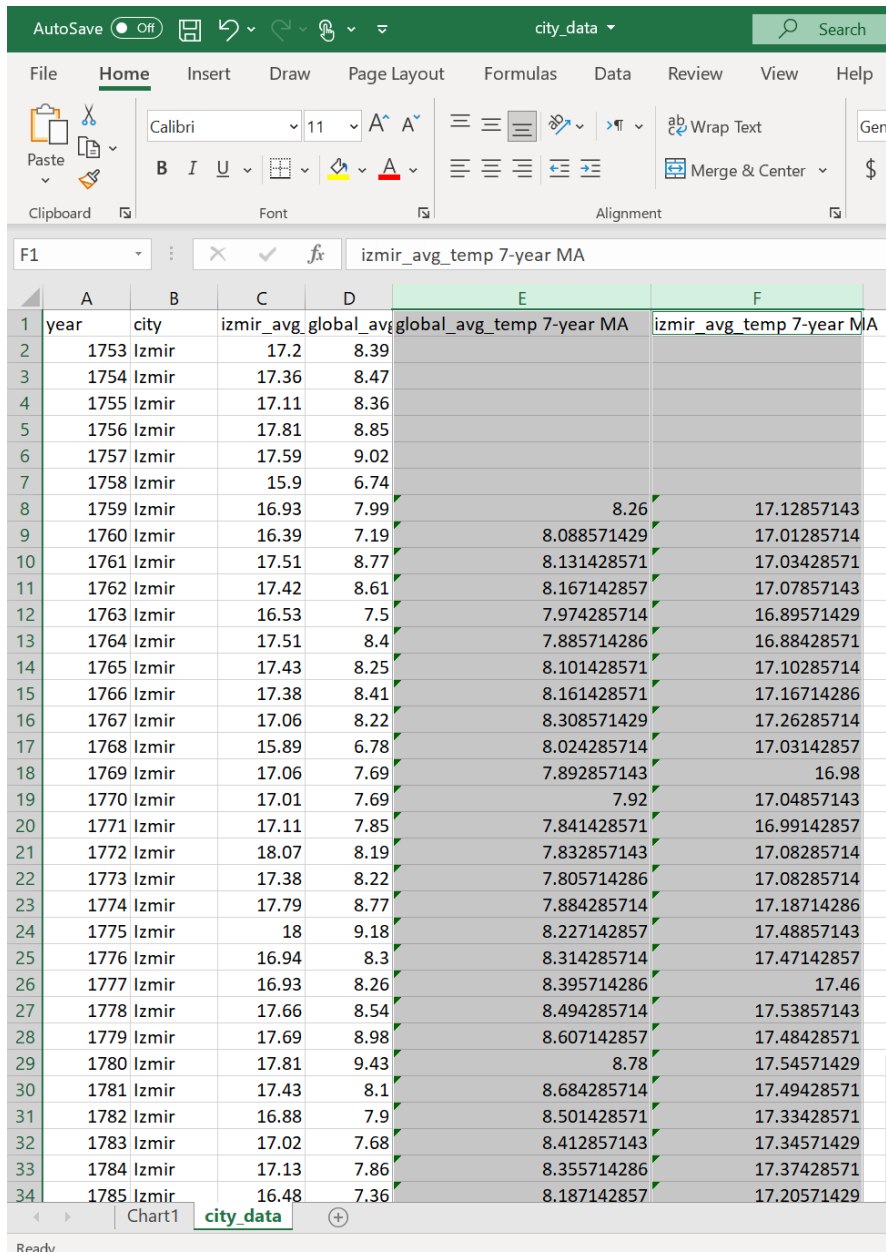
SCHEMA	↺	1 select * from city_data
city_data	▾	2 where city ='Izmir'
city_list	▾	
global_data	▾	

EVALUATE

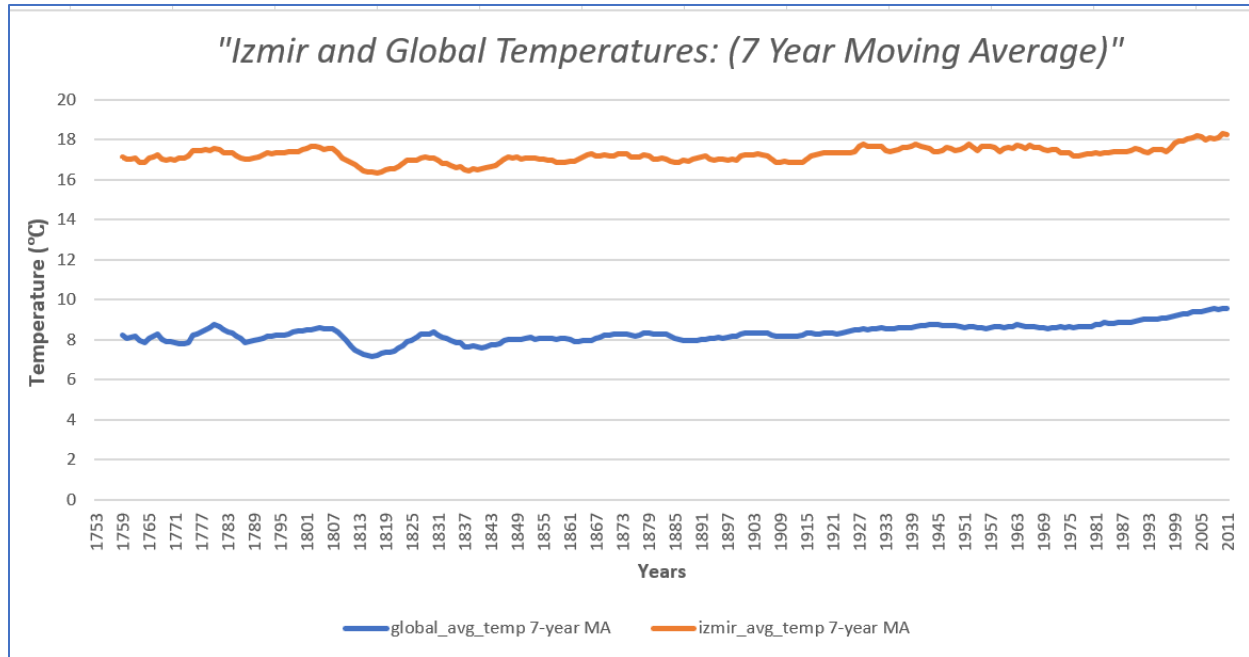
- 2- Open data in Excel sheets.
- 3- Visualize the **Izmir average temperature**, **global average temperature** .in line chart . as show in the figure below .



4- Choose 7 years as moving average for the data .



- Visualize the **Izmir average temperature\_7years**, **global average temperature\_7years** moving average .in line chart . as show in the figure below .



## Observations:

- 1- Izmir temperature average is hotter than global temperature average , may reach twice of the global temperature average (x2).
- 2- The average temperature in Izmir is steadily rising and decreasing between 16.41285714 to 18.26285714.
- 3- The global average temperature continues to increase slightly over the years.
- 4- From 1807 to 18017 Izmir and global temperature average has decreased .