

EXPLORE WEATHER TRENDS

Muhammed Fatih Behlül

PROJECT-1

Extracting the Data

I used two commands for extracting the data which I will use for analyzing. Those commands are;

- 1- Select *
From global_data
- 2- Select *
From city_data where city="Istanbul"

Open up the CSV

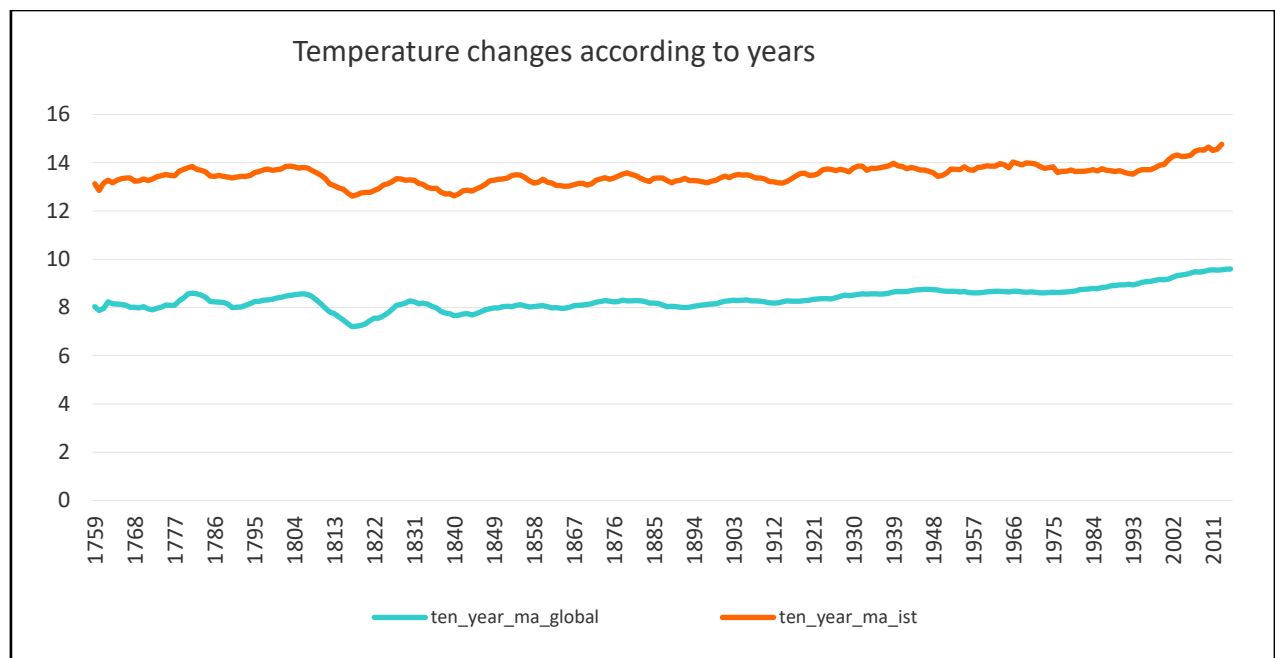
I used Excel for open up the CSV files which I extract from SQL tables.

Create a line chart

I used Microsoft Excel for creating a line chart. Moving average method helped me to calculate data of the line chart.

The command that I used was “=AVERAGE(B2:B11)”

I used ten years moving average method.



Observations

- According to line chart, my city's average temperature is hotter than global average temperature.
- Global temperature has increased by 20%
- My city's temperature has increased by 12%
- There is a correlation between my city's temperature and global temperature. Both show increase trend.
- Both line are volatile.