Exploring Weather Trends

The Tool used for this is (Excel) .

The SQL queries are :

1 - SELECT * FROM global_data;

For collecting data about the global avg_temp and the years

Then

2 - SELECT * FROM city_data WHERE city = 'Baku';

To compare between ‘Baku’ with the global_data we pulled from the schema .

And the data for ‘Baku’ were , (city , country , avg_temp ,year)

- How did you calculate the moving average?

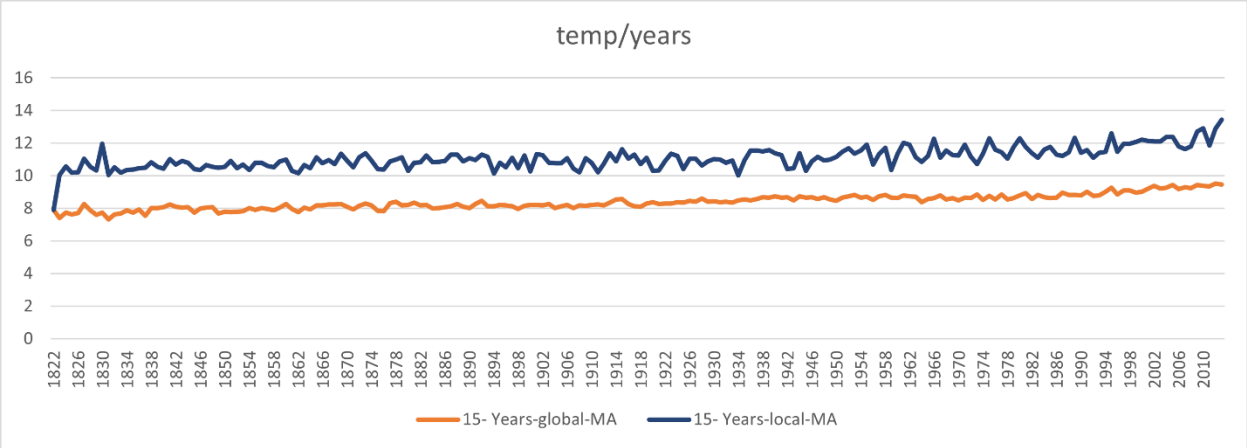
I have calculated it with the 15 Years moving average , wich writin in DA-P1.xlsx

Under 15-Years-global-MA , 15-Years-local-MA . using command average=(cell2:cell17) and then dragging down till the final MA value

What were your key considerations when deciding how to visualize the trends ?

My key consideration was to observe an increase or decrease in the chart of the global MA and local MA.

The missing data was removed from the chart data visualization .



OBSERVATIONS ARE :

Similar at :

1 – both are getting hotter with time , which means earth is getting hotter also .

Different at :

1 – local MA temp is hotter than global MA temp .

2 – global MA is increasing at a slower rate to local MA .

3 – local MA is vacillating at short term but increasing at long term.