

# Exploring Weather Trends

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## Write a SQL query below

- Write a SQL query to extract the global data. Export to CSV: ***select \* from global\_data;***
- Write a SQL query to extract the city level data. Export to CSV: ***select \* from city\_data where country='Saudi Arabia' and city='Riyadh';***

## What tools did you use for each step?

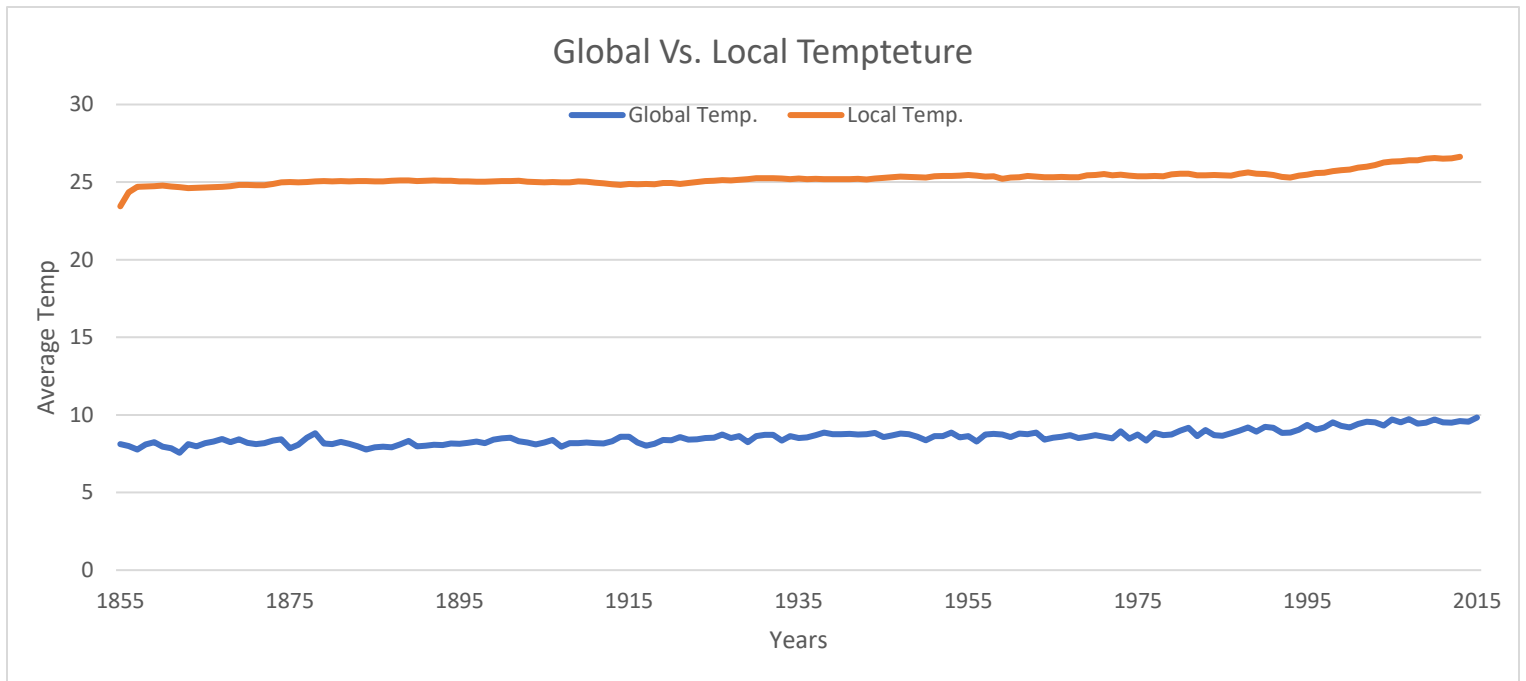
the tool used is Excel.

## How did you calculate the moving average?

By taking the moving average of each averages (Local, Global) and the calculated years is 10 by using the Excel *Average* formula.

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

This chart compares the temperature between local temperature (Riyadh) and global temperature.



## Make observations

### - Similarities

- Both temperatures increased in the last 20 years (from 1995 to 2015)
- On the average trend both temperatures are climbing on a close pace.

### - Dissimilarities

- Local temperature is way hotter than global temperatures.
- Local values show almost constant increment, in the other hand the global values go ups and downs.