Outline: -Tools used

SQL

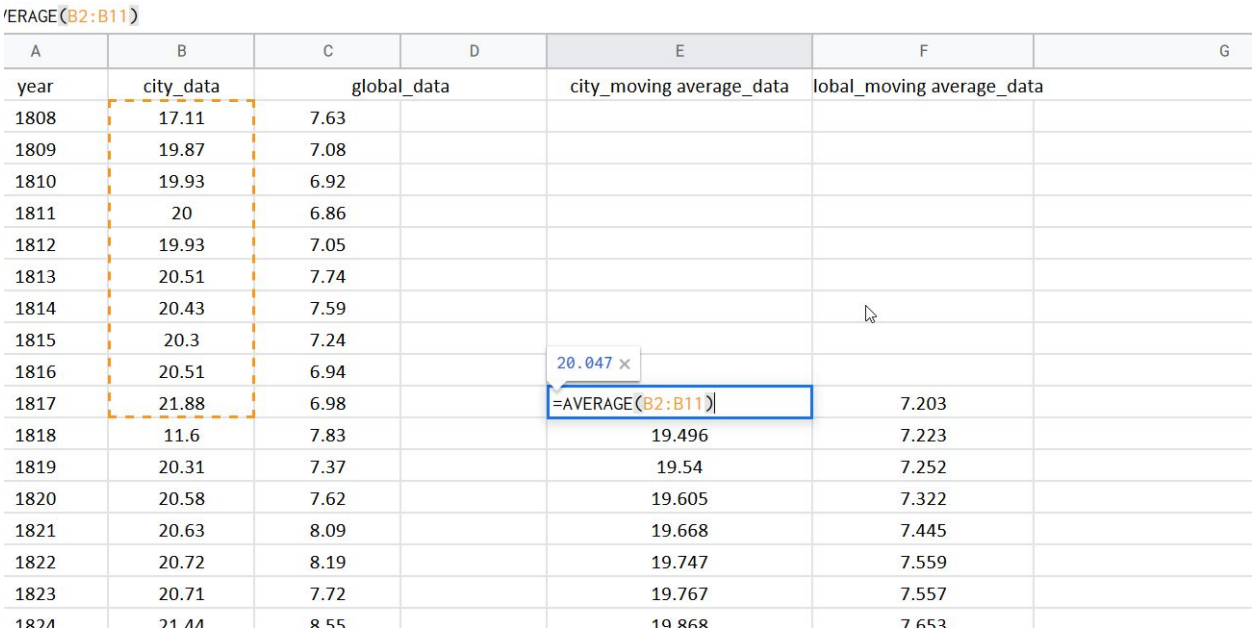
Make wanted queries

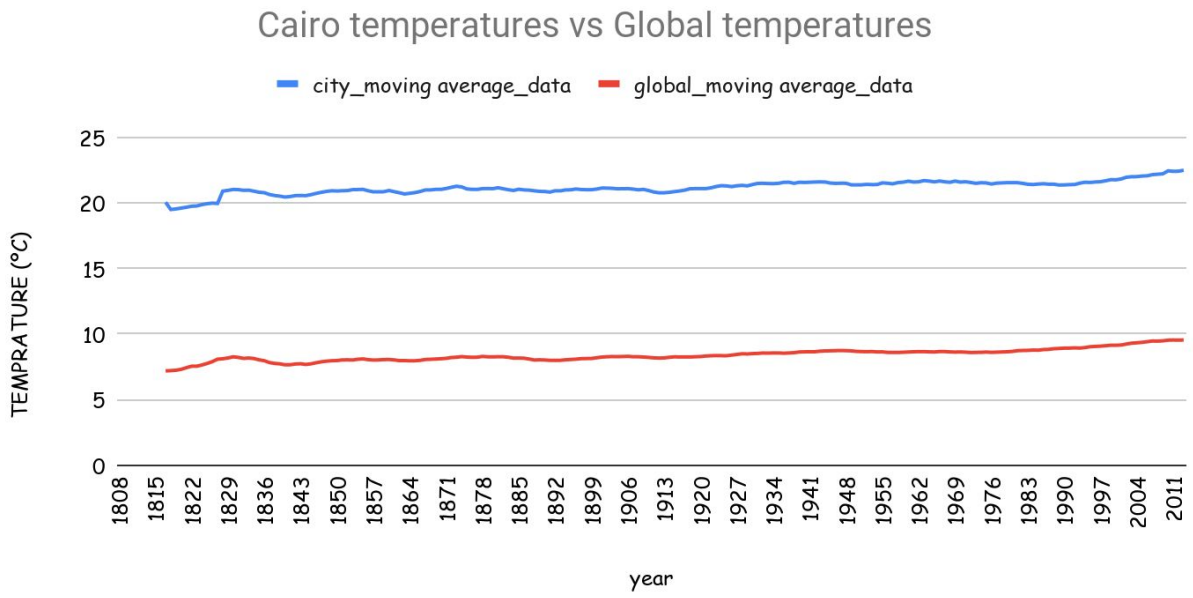
```sql
SELECT city_data.year, city_data.avg_temp AS city_data,
       global_data.avg_temp AS global_data
FROM city_data
JOIN global_data
ON city_data.year = global_data.year
WHERE city_data.city = 'Cairo'
ORDER BY 1;
```

Google sheets

Combine data, calculate moving average (10 years MA)

And visualize data.





Observations:

- Cairo is hotter on average compared to the global average; but also we could say that the difference in average temperature between cairo and global cities tends to be constant.
- In cairo curve it seems that temperatures over years are so near (between 19 : 22), which is the same to global one(7 : 9)
- We can observe that temperatures are risen over years.
- We can predict that temperatures will exceed 25 degree on average in Cairo by 2022.
- Cairo is very good to visit in winter.