My first Project

1 For my project I use SQL to extract the data SQL – Code:
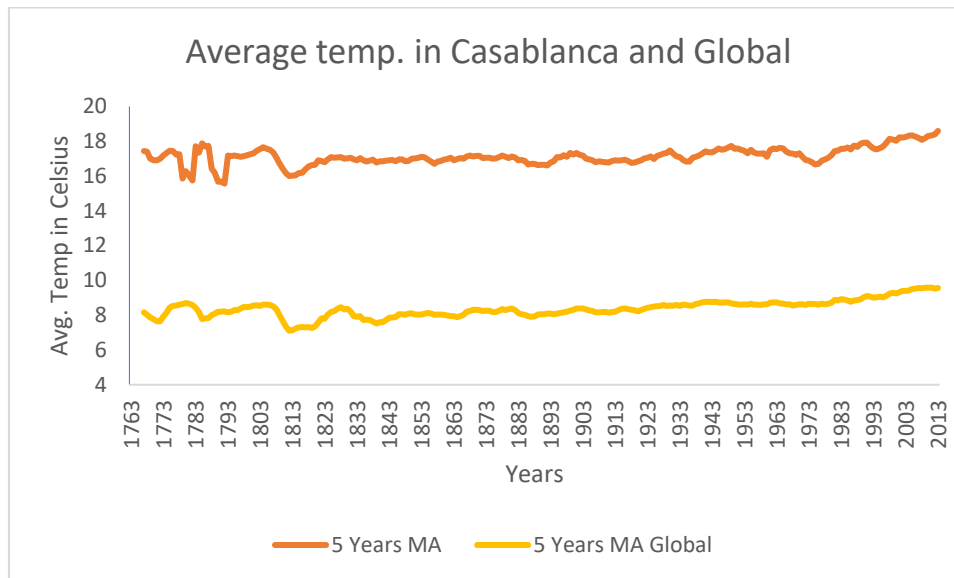
```
SELECT cd.*, gd.avg_temp AS GTD
FROM city_list cl
        JOIN city_data cd
        ON cl.city = cd.city
        JOIN global_data gd
        ON cd.year = gd.year
WHERE cd.city='Casablanca';
```

After I download the data, I import it to Excel and calculate the 5-Year-MA
from Casablanca and Global with this formula:

```
=ROUND(AVERAGE(D18:D22); 2)
```

I look at the data and know I must use a line chart

I select the data and remove all the line chart trash like gridlines.

What I can read in this chart?

1. Casablanca is approximately 9 degrees hotter than the Global average.
2. Both temperatures increase 1.5 degrees from 8 C^o to 9.57 C^o Global average and 17 C^o to 18.59 C^o in Casablanca.
3. From 1808 till 1814 both temperatures dropped by about 1.5 C^o
4. In Casablanca from 1965 till 1976 the temperature dropped 1 C^o while the Global temperature still increase.