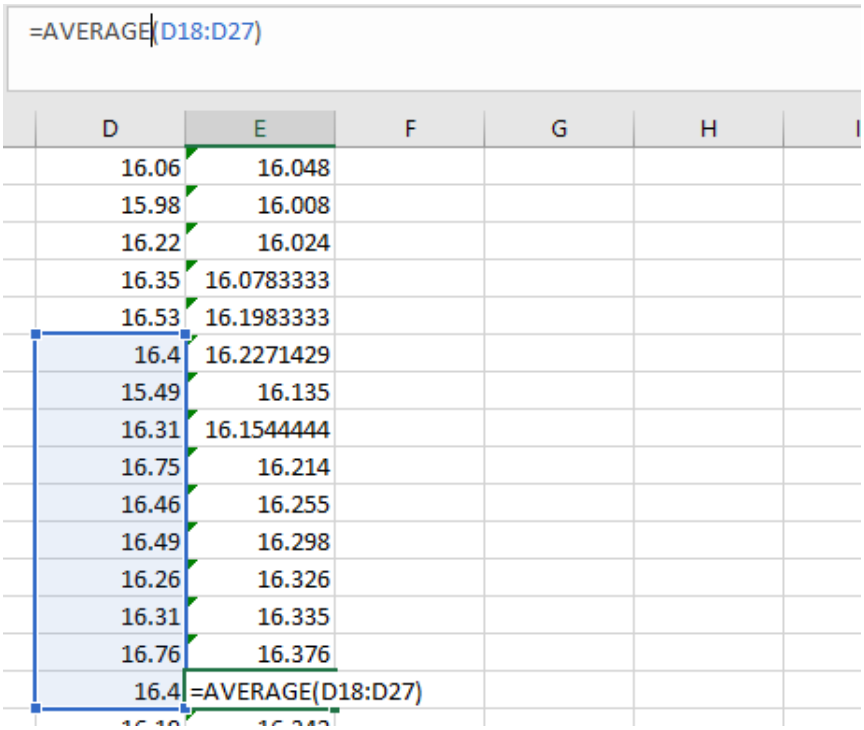
1) **Querys**

- select * from city_list;
- select * from city_data

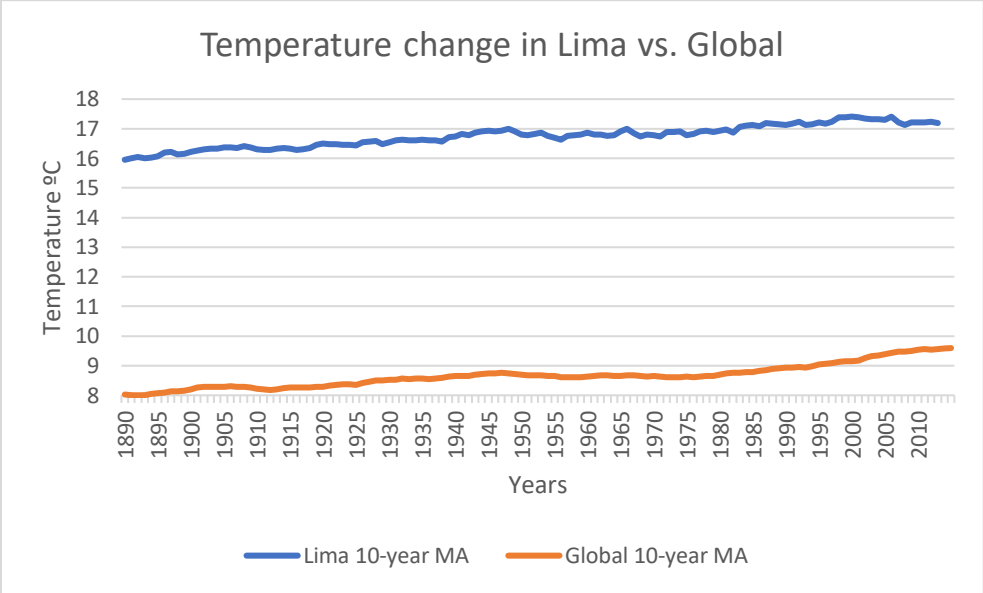
  where city= ”Lima”;
- select * from global_data;

2) **Steps:**
   a. Called the data using SQL.
   b. I downloaded the data and worked it on an Excel Spreadsheet.
   c. I used a 10 years moving average to smooth the data. I used the “AVERAGE” formula (as shown in the image below)



   d. To visualize the data, i needed a chart which allows me to see data in first sight, in order to see how the temperature changes in time. That’s why i decided to take the “Line chart”.

3) Chart



- My city is hotter on average compared to the world average and the difference has been consistent over time.
- The changes in my city temperature shows the same tendency to the changes in the global average.
- The world is getting hotter and the trend has been consistent over the last few hundred years.
- In between 1940 and 1982, the temperature in both, my city and global, keep constant, but after that period it started increasing.