DATA ANALYST – PROJECT 1 SUMMARY

1. Step to prepare the data
   First, I do the query: SELECT * FROM global_data
   This will get the data temperatures of global
   Second, I do SELECT * FROM city_data WHERE city='Hanoi'
   to get the temperatures of Hanoi. I'm living in Ha Noi, Viet Nam.

   - I'm choosing Excel to be visualized data in the chart.

   - I'm using the AVERAGE function in excel to calculate the average of temperatures.

   - I consider that Should I calculate all the years or not? And besides that, using a line chart or
     bar chart, because I saw that also good. Finally, I decision choose line chart.

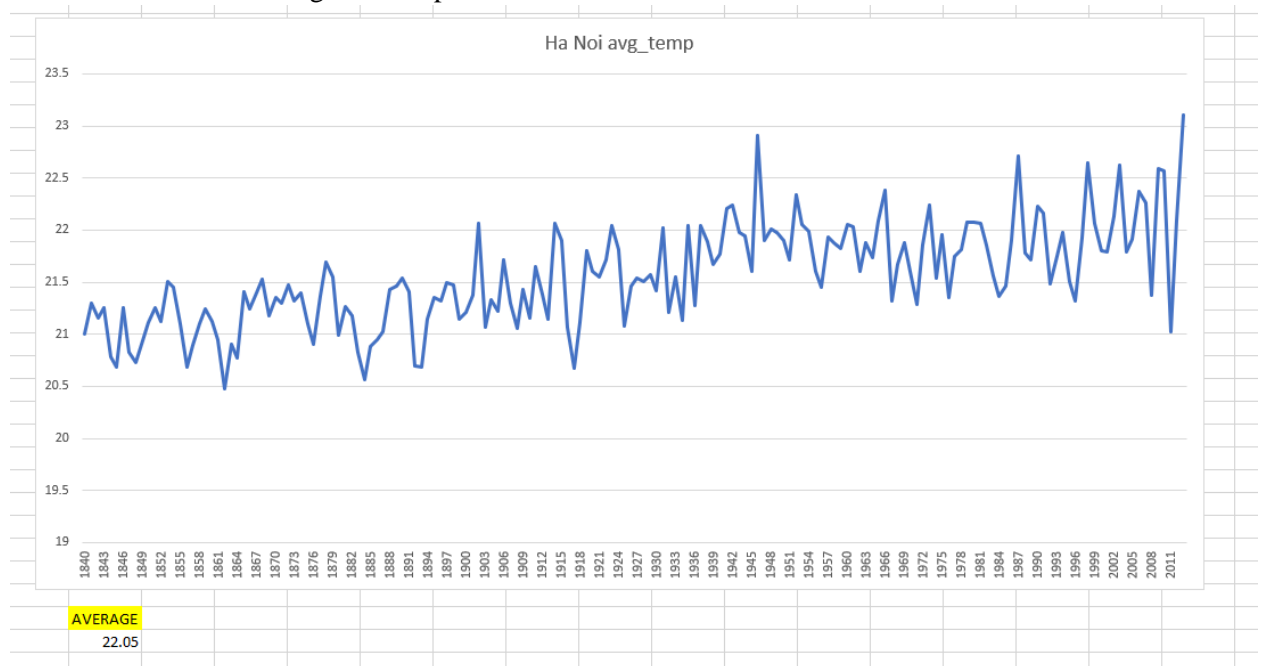2. Line chart with local and global temperature trends

Figure 1: Local Line Chart

This line chart corresponds with the years from 1840 to 2013.
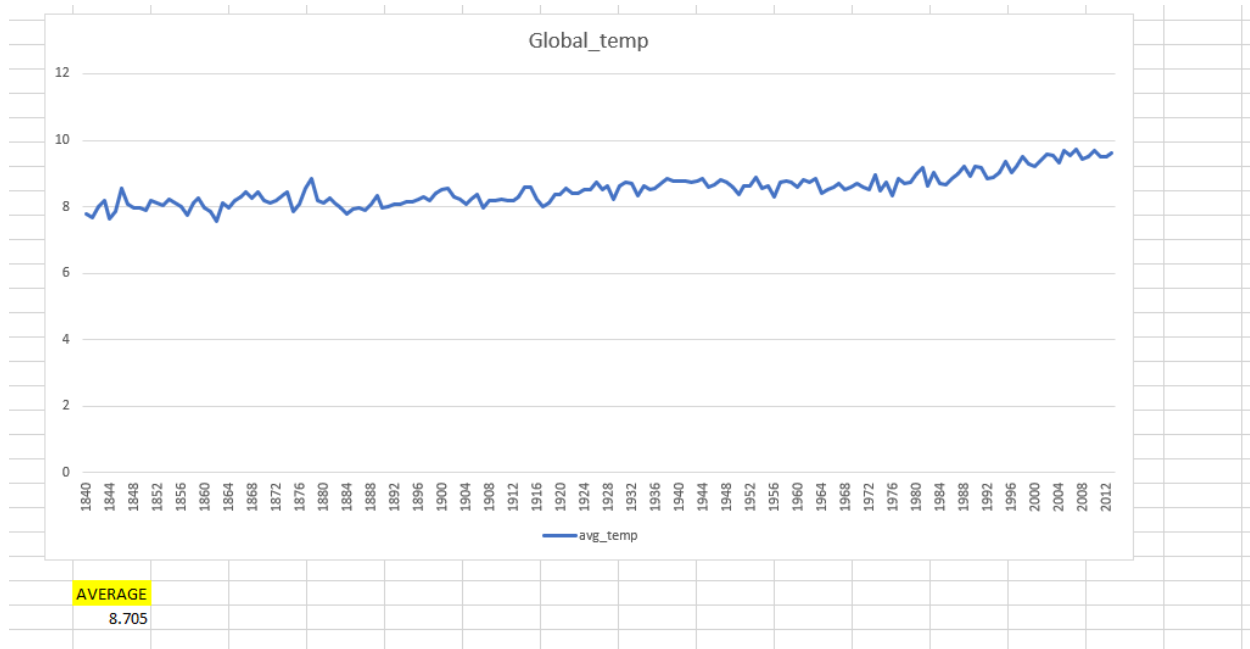
AVERAGE
8.705

Figure 2: Global line chart

The data of global from 1750 to 2015. But to easily compare, I draw a line chart for global temperature from 1840 to 2013.

3. Observations.
   - Firstly, I see the volatility in my local more than global temperatures.
   - Secondly, I saw that the temperature has trended up.
   - Thirdly, The gap between the highest and lowest in the local is quite big (> 3 degrees C), while the global one is insignificant (~2 degrees C)
   - Finally, The alteration in the local is unstable, while the global is in the opposite.