DATA ANALYST NANODEGREE PROJECT:-

EXPLORE WEATHER TRENDS

OUTLINE:

> TOOLS:-

1)SELECT * FROM city_list WHERE country = 'India';

2)SELECT year,avg_temp FROM city_data WHERE city='Delhi';

3) downloaded the csv file

4) SELECT * FROM global_data;

5) downloaded the csv file

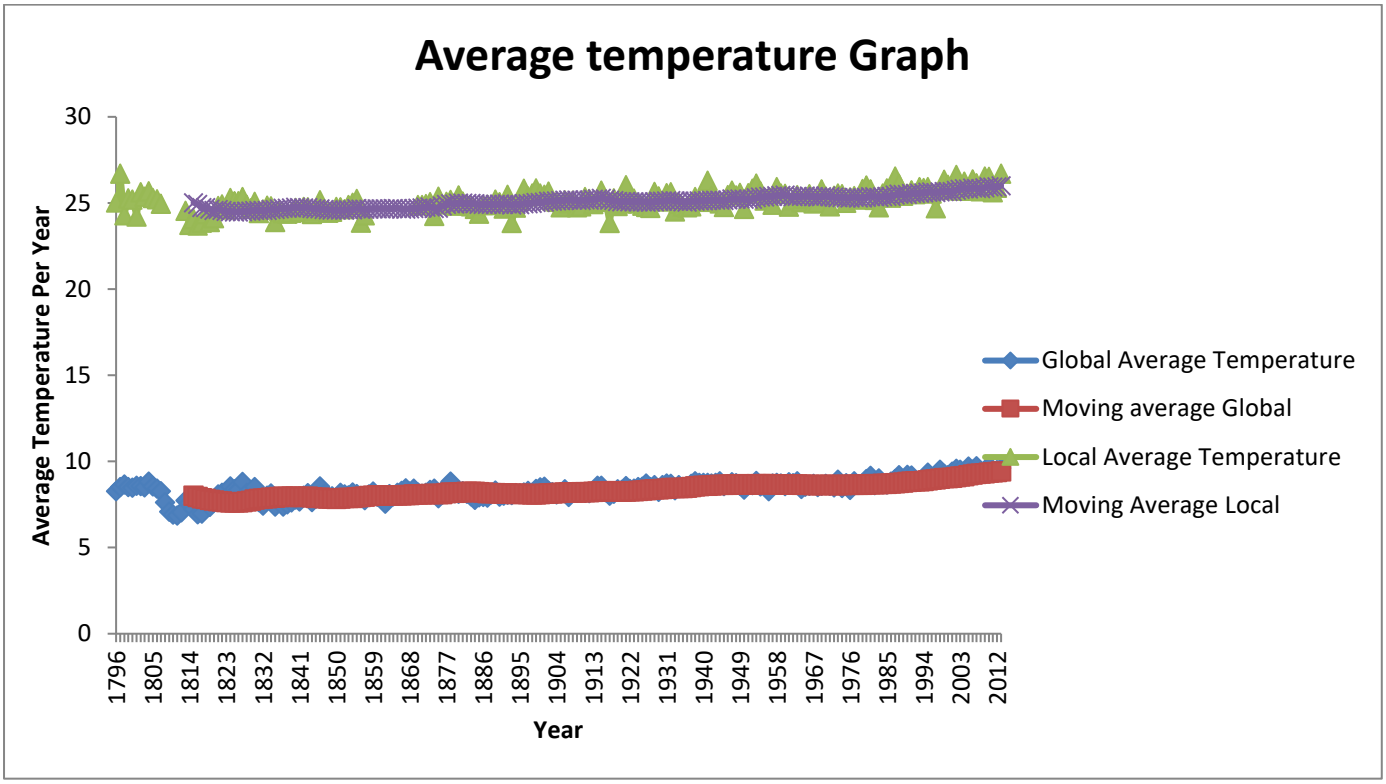
6) I have used Excel to make graph and to get moving average

> MOVING AVERAGE:-

I have calculated moving average by going to data tab in excel 2010 and then selecting data analysis and then select the moving average then I selected the range and then I set the interval to 20 and then select the row and then we get the data.

> My consideration while studying the data is that how the graph will look after I have fetched the data. And how I will analyse the graph and what will be my predictions.

LINE GRAPH:-



MY PREDICTIONS:

1) My city is hotter than the global average temperature.

2) The average temperature remained constant until Today.

3) According The global Graph the average temperature has increased by 1.5 Degree Celcius Approx.

4) there has been change in the average graph of local too in the past century and it is growing constatle by minor value due to global warming.

5) The world is getting hotter yearly as the average temperature is increasing.

6) The trend of average graph local and globally are like in zig zag way as sometime it increases or sometime it decreases by little amount.

7) The moving Average graph look like a line with a slight angle.