**PROJECT 1: EXPLORE WEATHER TRENDS**

**How I have calculated the moving average?**

I have calculated the moving average in SQL using SQL functions “GROUP BY” & “AVG” and then extract the data.

**Key Considerations:**

1. Whether is there any NULL value in the datasets? If yes, Then delete those rows.
2. Grouping of data of city temp in a single particular type of year.

**OBSERVATIONS:**

**Question1: Is your city hotter or cooler on average compared to the global average?**

**Answer:** As I can see with the trend of above graph Delhi average temperature is much higher than the Global average temperature.

**Question2: Has the difference been consistent over time?**

**Answer:** We can see that the graph has been consistent over time.

**Question3: “How do the changes in your city’s temperatures over time compare to the changes in the global average?”**

**Answer:** Over time changes in my city’s temperature seems that as the global average temperature goes up, my city average temperature also goes up and vice-versa.

**Question4: What does the overall trend look like?**

**Answer:** Overall trend look like as the time is passing, city as well as global temperature increasing.

**Question5: Is the world getting hotter or cooler?**

**Answer:** The world is getting hotter we can see it in our graph.

**Question6: Has the trend been consistent over the last few hundred years?**

**Answer:** Yes, the trend has been consistent over the last few hundred years.