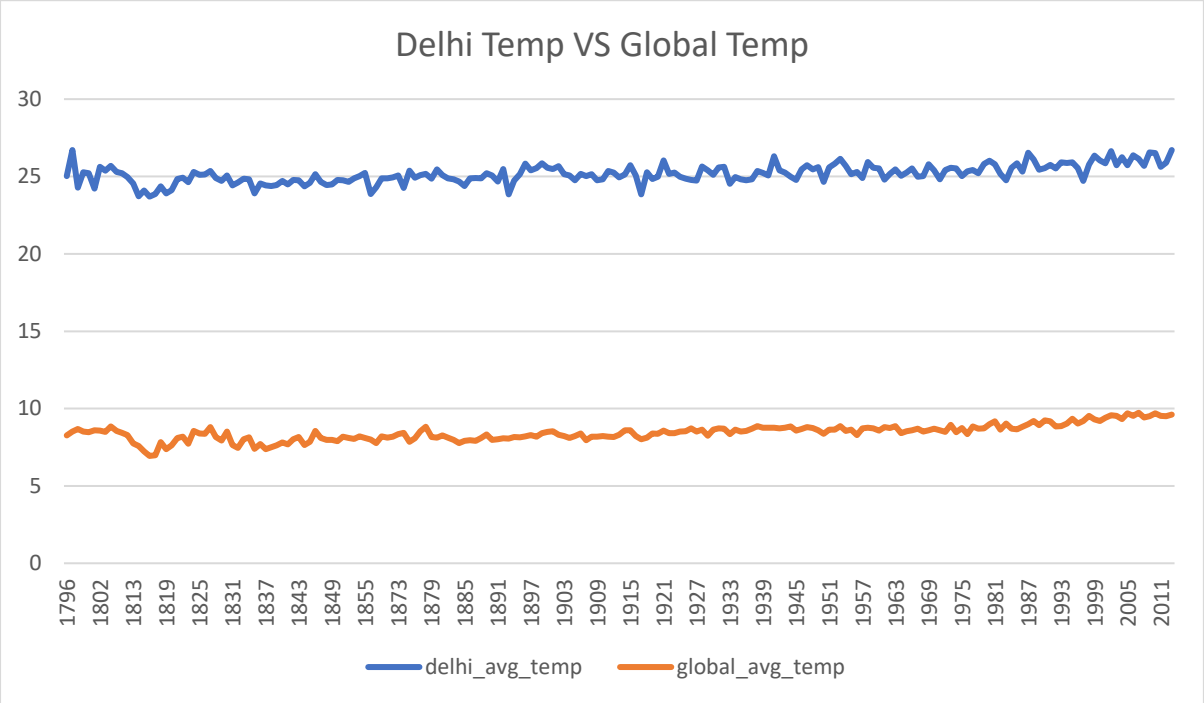
PROJECT 1: EXPLORE WEATHER TRENDS



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.