- **An outline** of steps taken to prepare the data to be visualized in the chart:
    - Tools Used (SQL, Excel)
    - First step is to fetch the city_list from the database to check my city Using following SQL Query :

      Select *from city_list

      Then selected data for my City with following query :

      select * from city_data where city = 'Bangalore'

      Select the years from Global_data only if that year is available in the Bangalore data so as to compare the two years easily :

      select * from global_data where global_data.year in (select city_data.year from city_data where city_data.avg_temp IS NOT NULL and city_data.city = 'Bangalore');
    - How did you calculate the moving average?

      Download all the CSV files from the above queries and put the global_data as well as city_data in one sheet

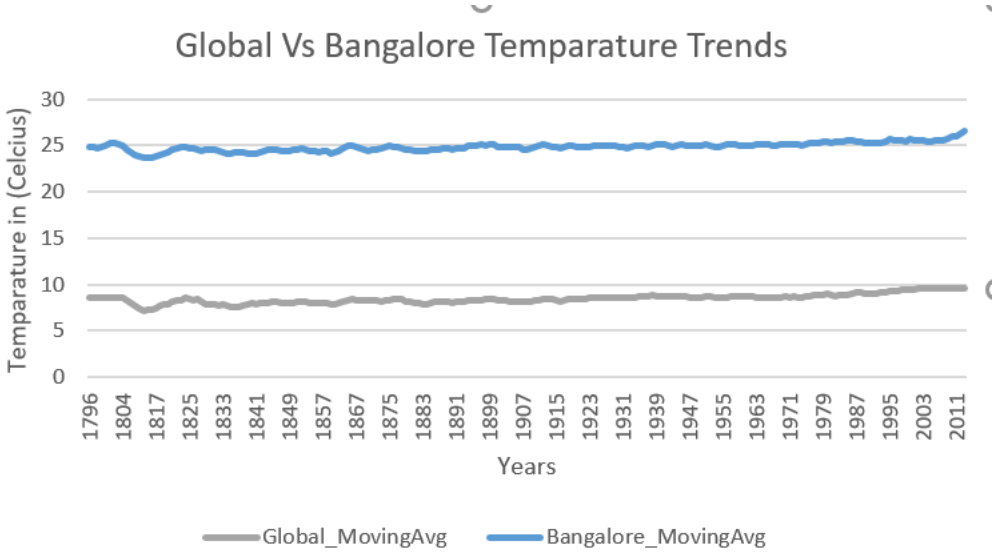
      Calculate Moving average by using formula : (=Average(A2:A5)) and then copying the same formula to full column.

      # Previous submission I was removing few years in between to accommodate well in the line chart Now I am keeping all the years of data
    - What were your key considerations when deciding how to visualize the trends?

      Used the years of global_data only for which my city data is available.

      There were few null values in my city data so removed all those years from both the table.

- **Line chart** with local and global temperature trends



- At least **four observations** about the similarities and/or differences in the trends

  My City is hotter on an average as compared to the global average and the difference had been consistent over time

  Overall trend looks like the temperature is constantly gradually increasing over the years.

  There is a similar dip in global as well as my city temperature between 1804-1817

  Temperature seems to be increasing more rapidly from 1971 to 2011 in my city