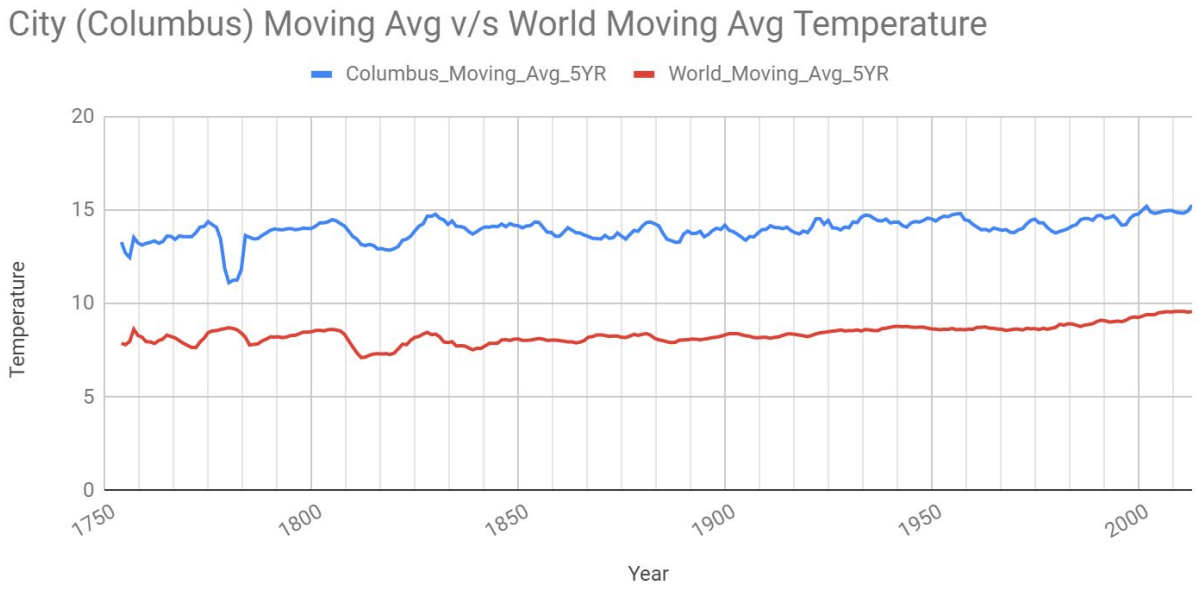
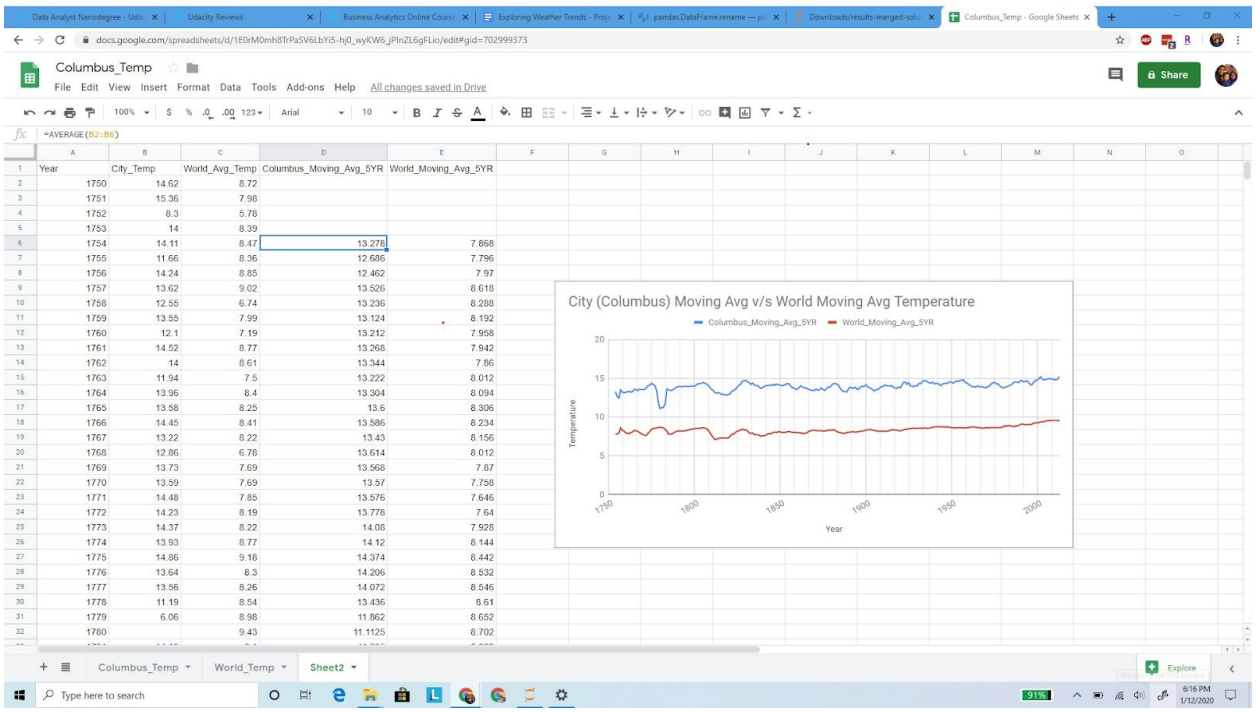


Steps Taken -

1. Downloaded the Data -
    a. City - Columbus using simple SQL query for specific City ‘Columbus’ , Ohio, USA and then downloaded to excel
    b. World - downloaded data for world avg temperature using sql query and download to excel
2. SQL Query used -
    a. For City - SELECT * FROM city_data where city = 'Columbus'
    b. For World - SELECT * FROM global_data
3. Merge 2 dataset using Vlookup in Google sheets
4. Considered only Data from 1750 for comparison as World Data starts from 1750
5. Created 2 new columns moving average for 5 years for City and World



6. Created Line Graph using Chart tool in google sheets to compare two trends for Temperature Moving Average for 5 years

Observations

1. The temperature for City - Columbus and Global seems to follow a similar trend line
2. The moving average temperature of City-Columbus is always 5 degree more than the Global moving average
3. There is a bigger drop in City Temperature during year 1770 and 1780 where the City Temp dropped beyond normal trend line of City MOving Average
4. During 1770 and 1780 the Global Moving average seem to follow opposite trend then the City Moving average temperature
5. Columbus City is Warmer than the GLobal average Temperature throughout the 30 Years period