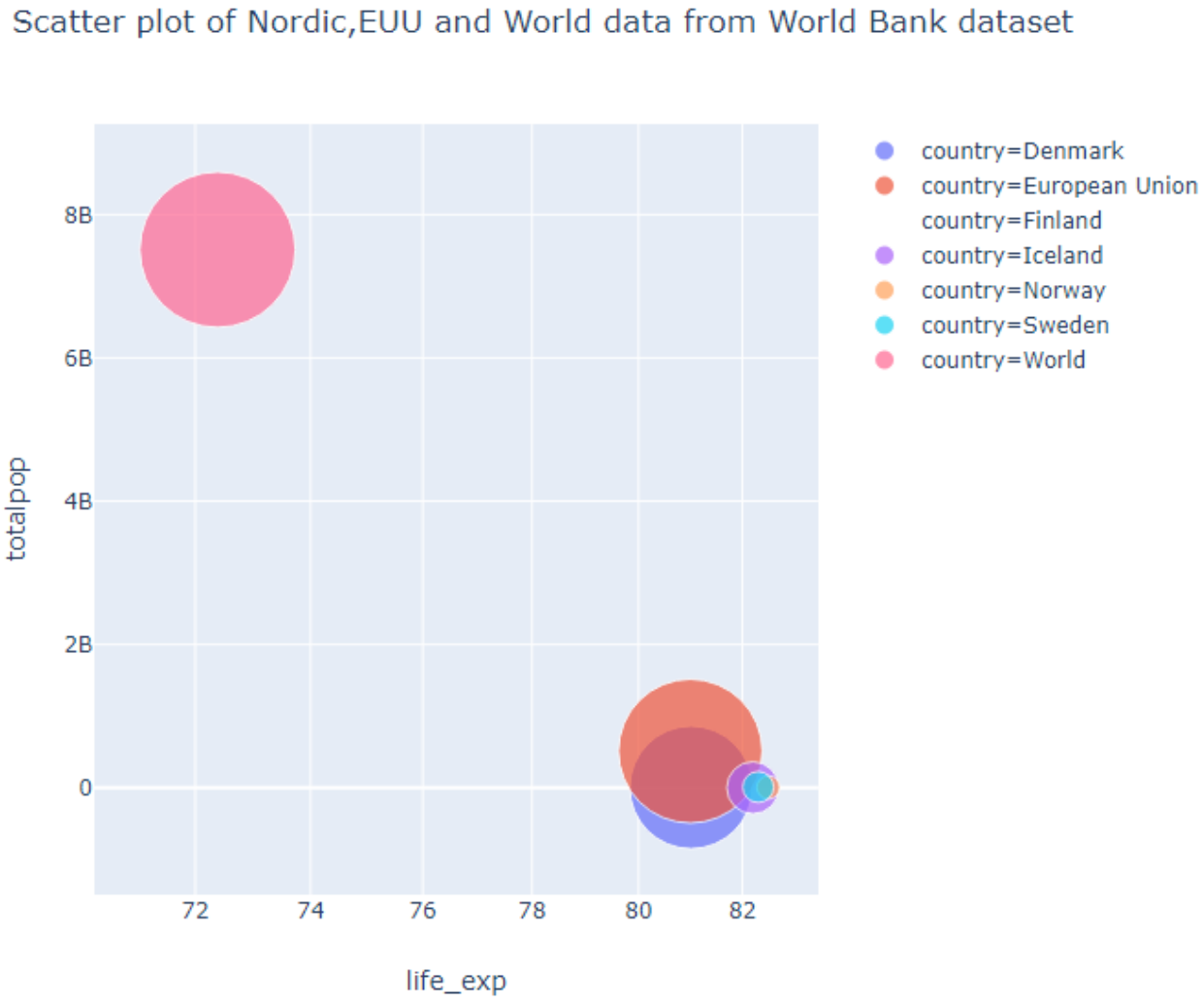
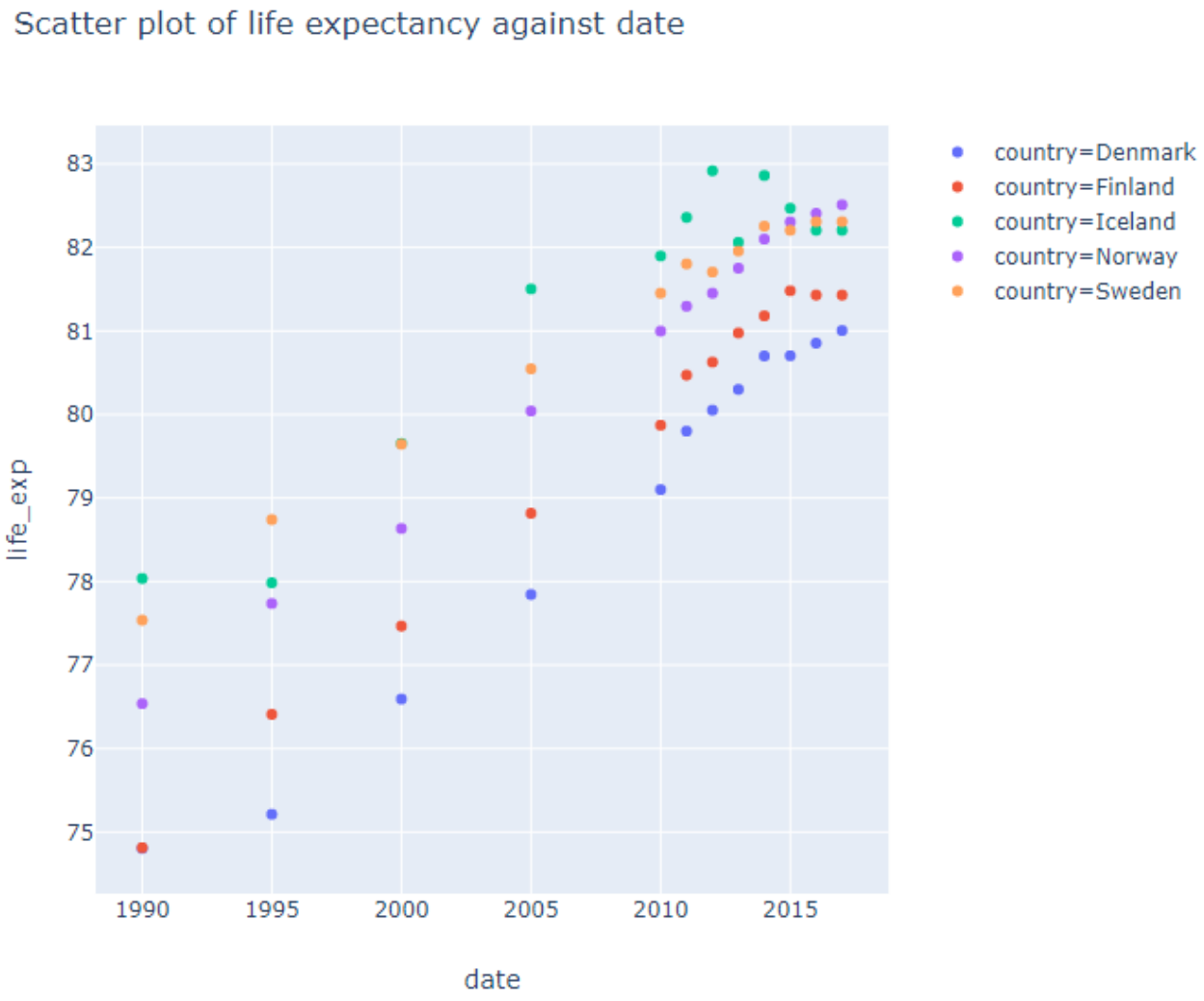
I chose the World Bank dataset from the link (**https://data.worldbank.org**) you given us in the assignment2.Moreover; I extracted these data from World Bank dataset using Python command in Jupyter notebook. In addition to this, I sorted out data for Nordic countries and European union and the world dataset from world bank data to see the total population, life expectancy, population density per square kilometers and also amount of air pollution created by the respective countries and regions .I, however, compared the data of Nordic countries and European countries and the word dataset to see the contribution of air pollution to the whole world. Likewise, I tried to show the life expectancy over the period of time for Nordic countries. I, moreover, tried to see the change of total population of Scandinavian countries. Finally I tried to visualize the contribution of air pollution for 2017 created by Nordic countries.

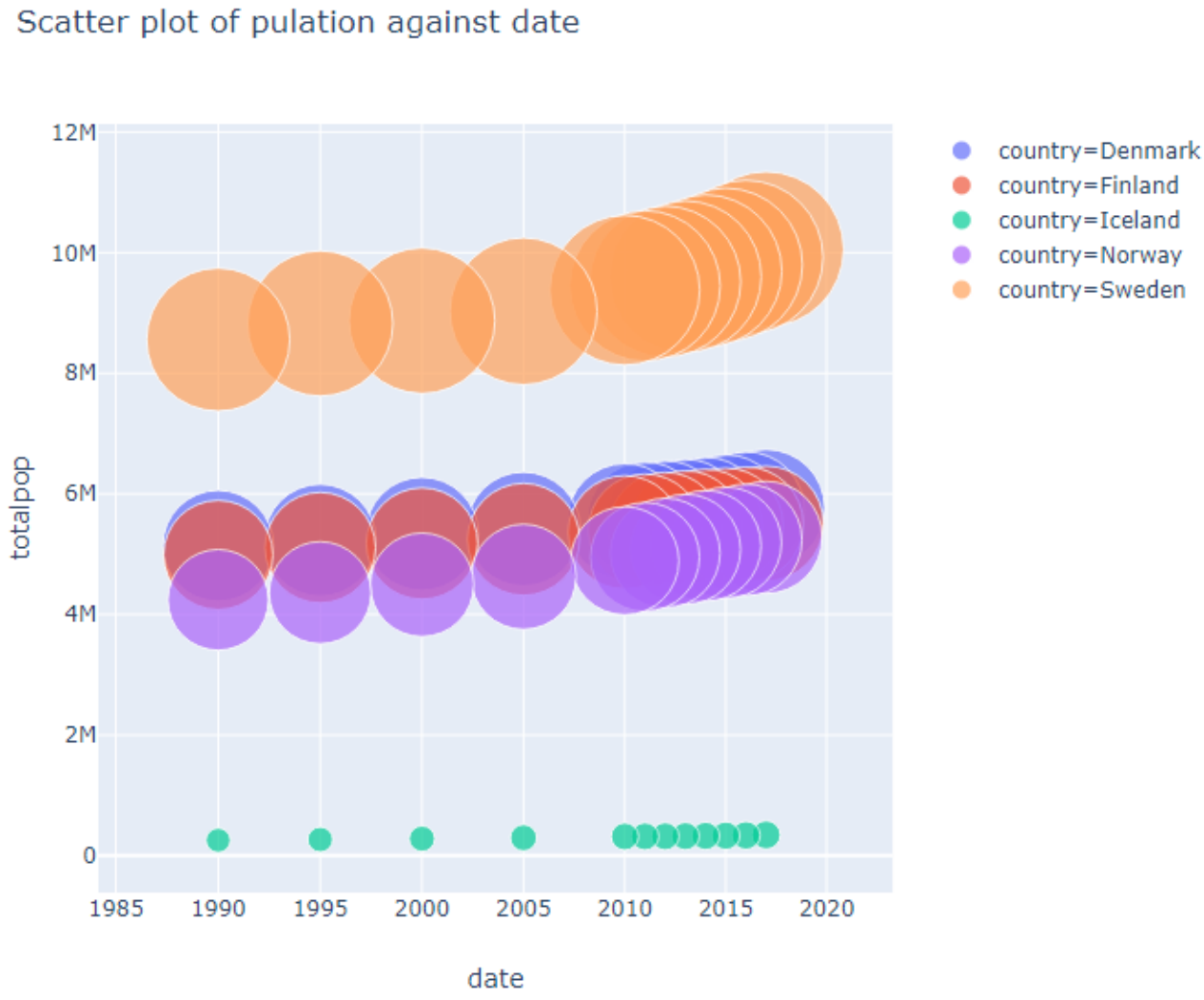
I wanted to show the relationship between Nordic countries and air pollution created by them that's why I used here Bar chart.



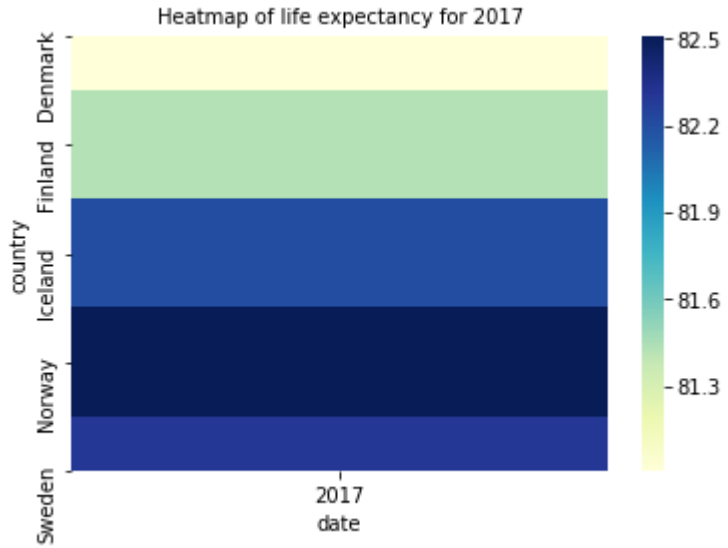
Bubble plot is kind of scatter plot which is used to present two or more dimensions or variables in the same graph. In this chart I showed four variables for whole dataset where bubble size represents air pollution and color represents countries.



This graph represents the Nordic countries' life expectancy against date where colors represent Nordic countries.



This graph represents the Nordic countries' total population against date where bubble size represents total population and colors represent Nordic countries.



In this heat map life expectancy values contained in matrix table which highlighted by colors and these colors show relationship strength among variables.