import pandas as pd

import seaborn as sns

import matplotlib.pyplot as plt

using these libraries to get pivot table and heatmap

df=pd.read\_csv("Manan Malhotra-ASSIGNMENT3.csv")

df.head()

imported the data set to use within the python

df2 = df.pivot('country','year','lifeExp')

print(df2)

created pivot table using year on x-axis

country on y axis

and lifeExp to fill data cells

then printed it

sns.heatmap(df2).get\_figure().savefig('heatmap1.png')

plt.show()

used seaborne to create a heatmap using the pivot table

then saved the fig as 'heatmap1.png'

used the show within matplotlib to see the heatmap within python