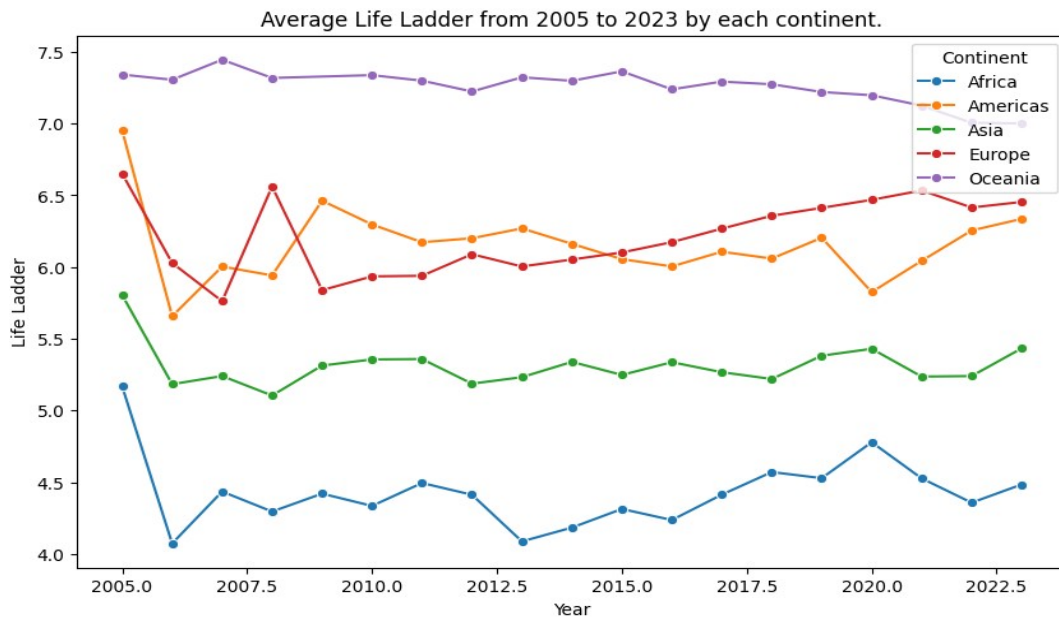


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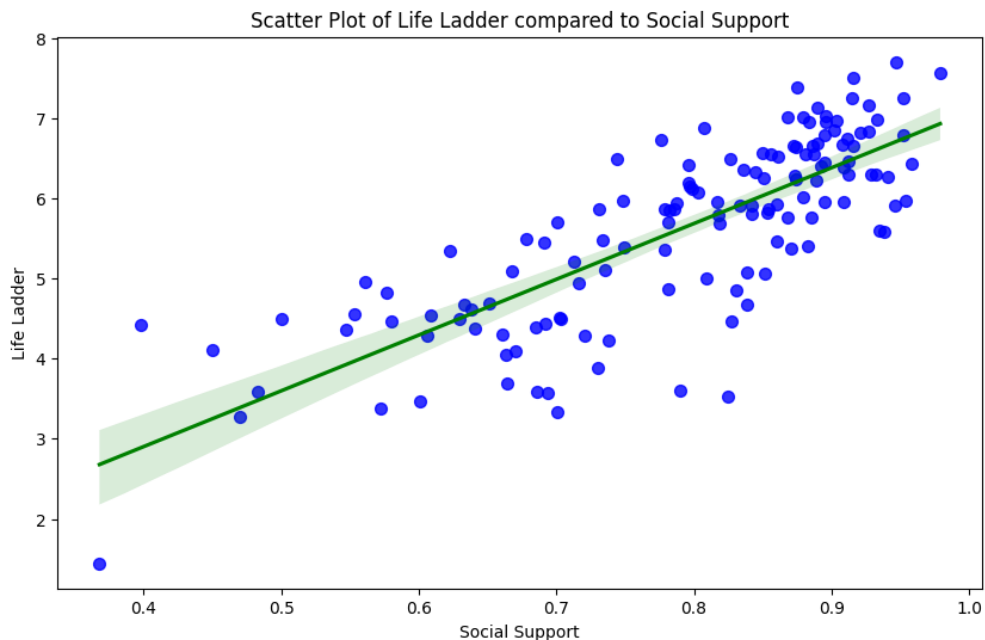
Name: Win (Thanawin Pattanaphol)

Student ID: 01324096

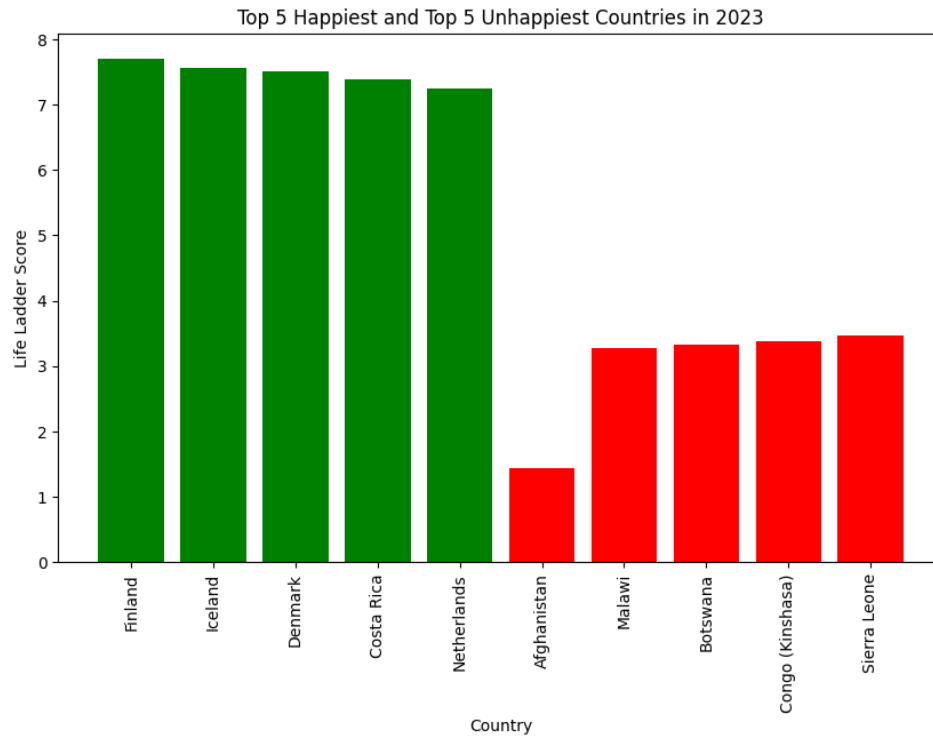
1. The instructions first define the variable for the graph as “Life Ladder”, followed by grouping the data into two groups, first, the “year” group and then the “Continent” group, followed by calculating the mean value for each group and ends with resetting the index in the DataFrame, in this case, the `Dat[['year', 'continent']]` and use the default index value instead.



2. The scatter plot along with the inclusion of the regression line describes the relationship between the Life Ladder variable and the Social Support variable. The graph shows a general trend where the higher the Social Support variable is, the higher the Life Ladder variable is, though, there may be several outliers.



3. The following graph describes the 5 happiest countries and the 5 unhappiest countries in the world. 5 happiest are Finland, Iceland, Denmark, Costa Rica and the Netherlands. The 5 unhappiest are Afghanistan, Malawi, Botswana, Democratic Republic of the Congo and Sierra Leone.



4. Name: Thailand – Subregion: Southeastern Asia – Variable: Freedom to make life choices

