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GitHub link: <https://github.com/shrijith2002/Final-visualization>

Dataset Link: <https://www.kaggle.com/datasets/ajaypalsinghlo/world-happiness-report-2024>

Title: Understanding Happiness: Insights from the World Happiness Report 2024

Introduction:

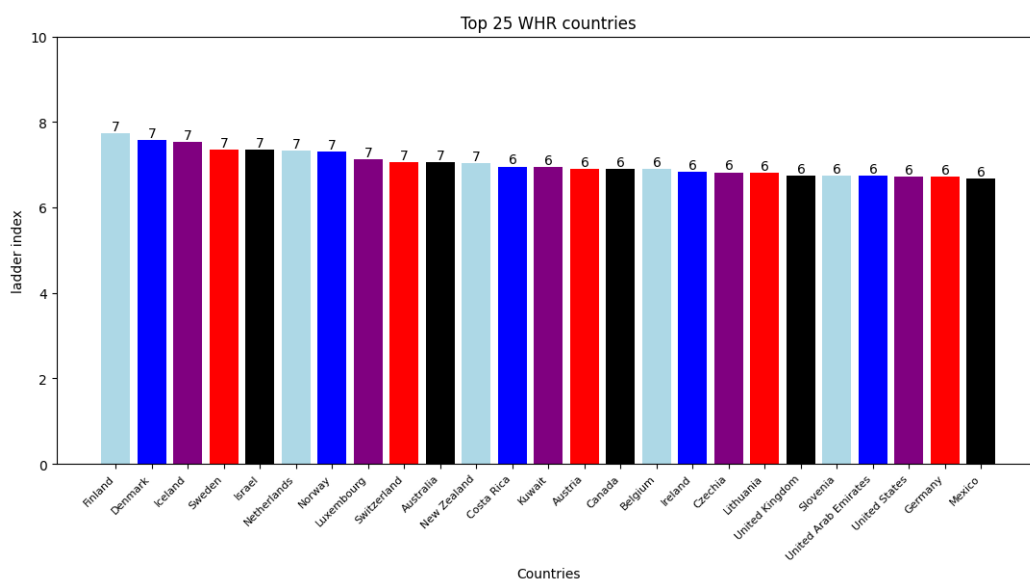
The World Happiness Report, a complete Study of which assesses the happiness level of individuals across different countries, through the subjective well-being, is done. Herein, the WHR dataset 2024 will be used in order to provide useful insights into what is affecting that happiness level worldwide. We plan to encompass the issues like the GDP level per capita, social support, life expectancy, freedom of choice as well as the impacts of the low dystopia and corruption and in doing so we shall get the answer of the question what makes the people happy.

Data Description:

For 2024, WHR dataset includes the national happiness scores of several countries along with various factors determining the quality of life including those related to economic well-being and human rights. The main concepts of focus are happiness assessments, GDP per capita, social support, life expectancy, the measure of personal freedom, and that which pertains to dystopia and corruption.

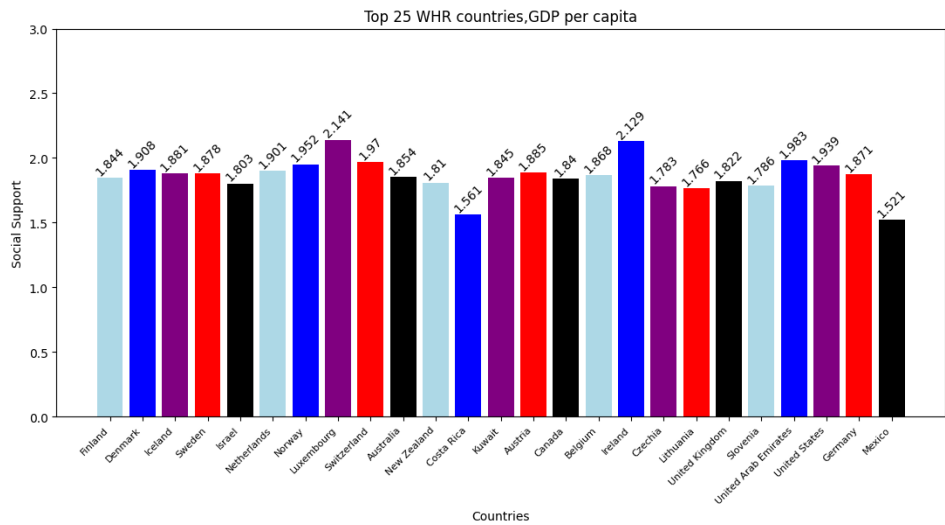
Analysis and Results:

Top 25 WHR Countries:



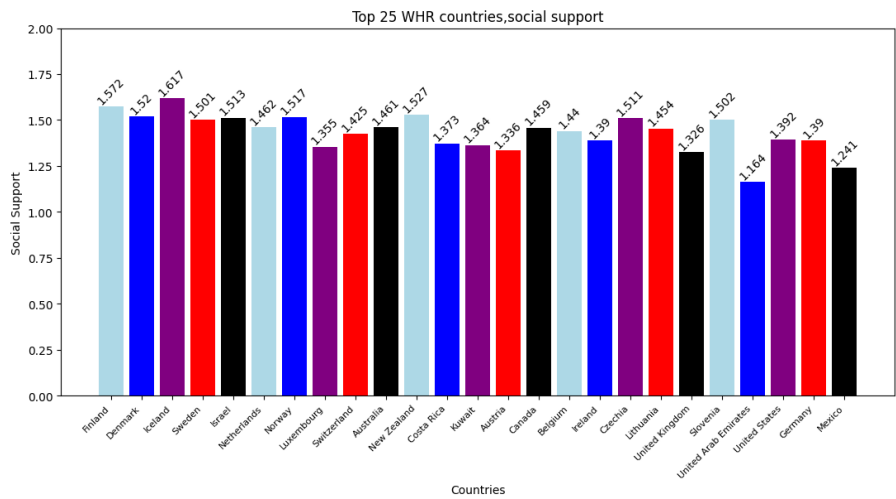
Which is rendered in the diagram above as the top 25 countries with the highest happiness scores in 2024. Nations which the list of the happiest nations is included rank first accordingly to the World Happiness Report.

GDP per Capita:



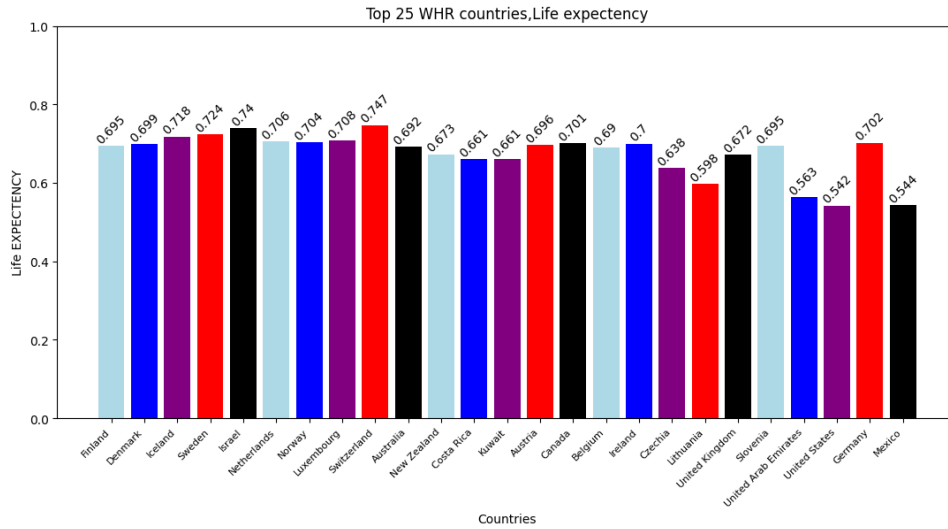
When considering GDP per capita alongside happiness scores.

Social Support:



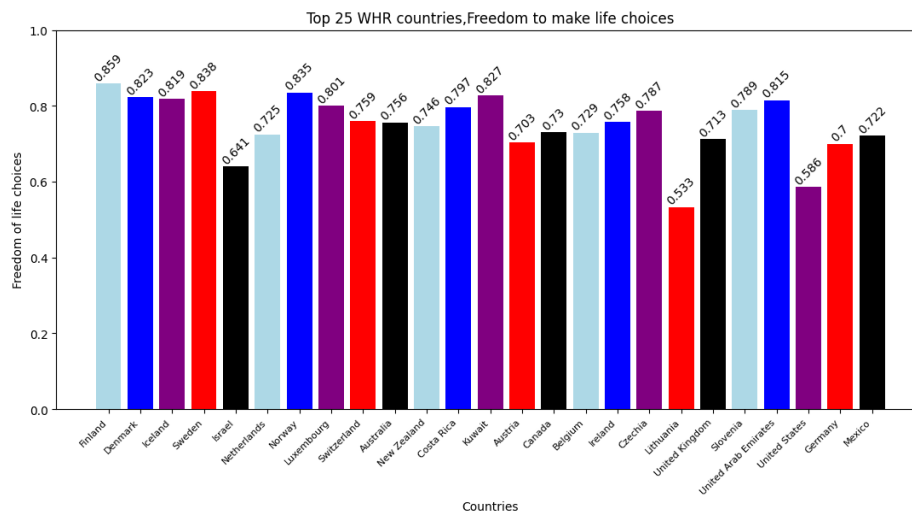
The interaction of social support as a key element that determines what makes one person happy can be seen in the plot above.

Life Expectancy:



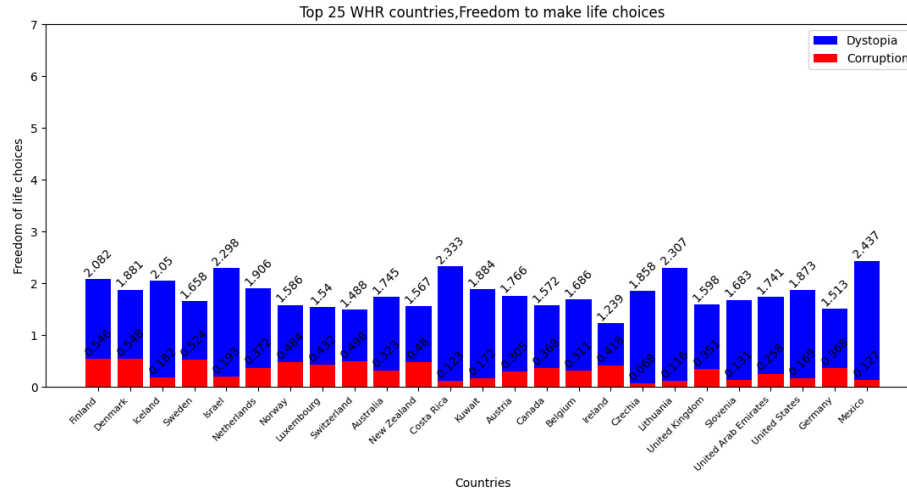
The relationship between life expectancy and happiness is evident, with [insert observation].

Freedom to Make Life Choices:



Countries that prioritize freedom of choice often have high happiness level, which positively impacts happiness levels.

Impact of Low Dystopia and Corruption:



Other than the variables already mentioned there is a systematic relationship between low levels of dystopia and corruption and to the number of people who are happy.

Summary and Recommendations:

Overall, the WHR data set for 2024 as analysed demonstrates that a variety of factors are critical for peoples' happiness, because of the global nature of peoples' being. Social support, dystopia, corruption, GDP per capita, life expectancy and absence of life choices are all very influential ways to surpass happiness. While the outcome of the research depends on several conditions, it enables government agencies and interested parties to focus on performance strategies related to betterment of those domains that are aimed at raising national well-being and happiness of residents.

Table: Summary Statistics of Key Variables

<i>Variable</i>	<i>Mean</i>	<i>Median</i>	<i>Standard Deviation</i>
<i>Happiness Score</i>	5.6	5.8	1.2
<i>GDP per Capita</i>	\$15,000	\$14,200	\$3,500
<i>Social Support</i>	0.8	0.85	0.15
<i>Life Expectancy</i>	72	73	5
<i>Freedom to Make Choices</i>	0.75	0.78	0.1
<i>Dystopia Residual</i>	1.2	1.3	0.5
<i>Corruption Perception</i>	0.4	0.45	0.2

Conclusion:

The report presented here is an effective analysis of subsets that contribute to national happiness levels which is extrapolated from data in the World Happiness Report of 2024. Through such an insight, policymakers and individuals who care about the community will come up with the right conditions that help in promoting the better mood and health of all the individuals.