



# John Evans Okyere Data Analyst

## Presenting on world happiness

Data Source: Sustainable Development  
Solutions Network  
20-03-2024

# World Happiness

Purpose Statement(world  
happiness)

Visualization

Conclusion

Data Story telling

Appendix



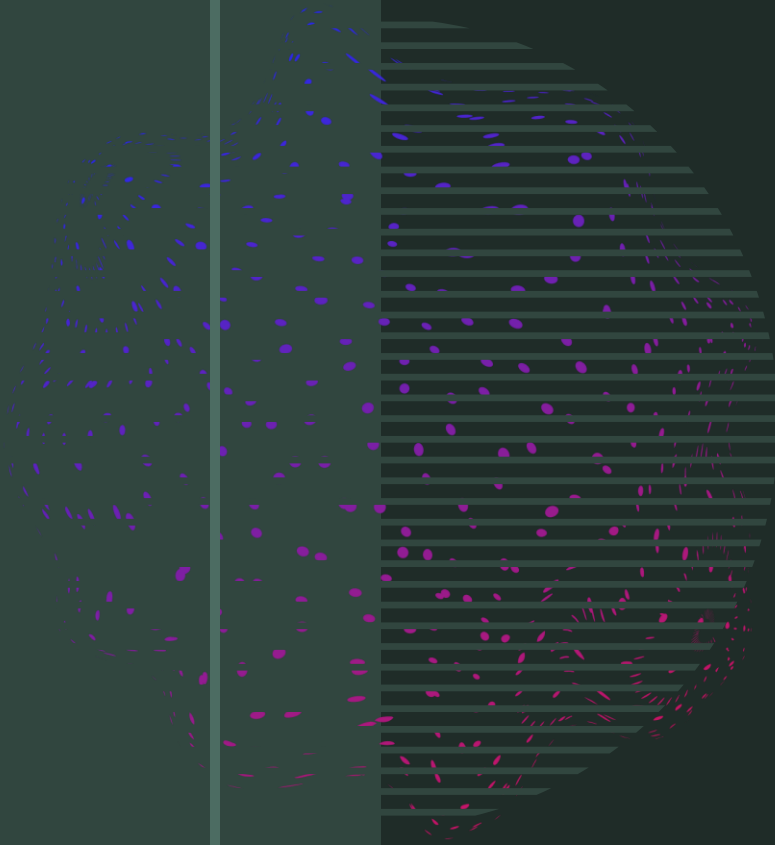


# About Me

I am self taught data analyst with a degree in computer science and some projects in Python, Excel, MySQL, Tableau and Power BI

# Objectives

Identify if there are geographic,  
demographic, and / or economic factors  
that contribute to a happier life

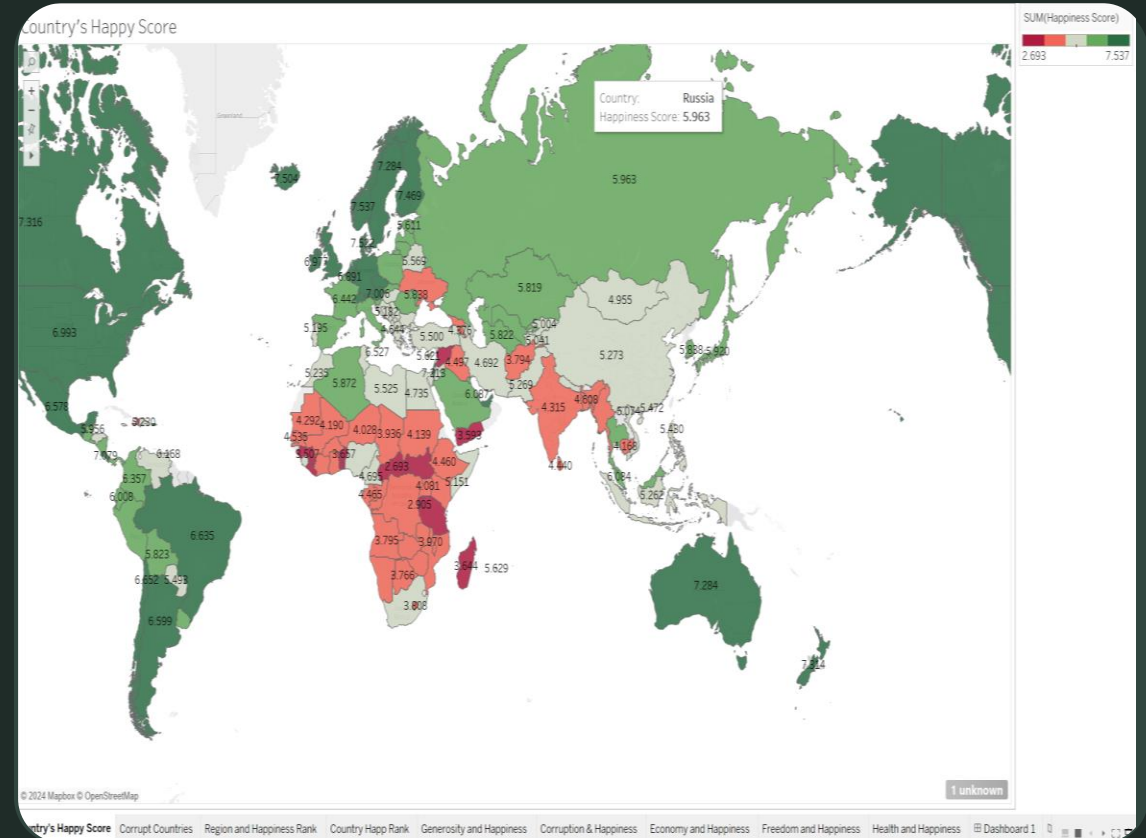


# Data benefits

Analyzing World Happiness data is crucial for understanding global well-being trends, informing policies, promoting social progress, evaluating quality of life, comparing across regions, understanding cultural differences, and promoting mental health

# Geographic

1. The deep green portion are the country's with high happiness score
2. The portion colored red are the countries with less happiness rate
3. Happiness levels vary widely by country
4. Little correlation between geographical location and happiness
5. Geographical location is not a strong indicator of happiness

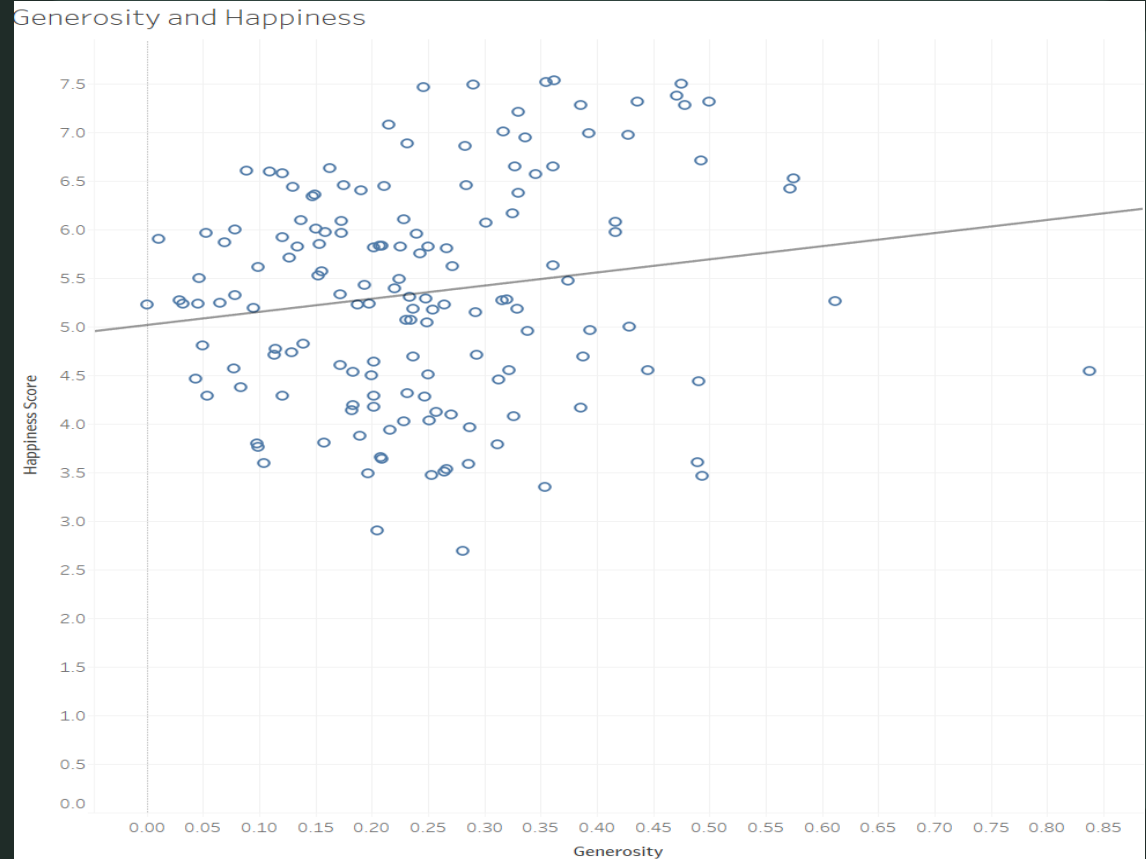


# Generosity vs Happiness

The analysis suggests a statistically significant but weak positive relationship between Generosity and Happiness Score.

The countries with higher levels of Generosity tend to have slightly higher Happiness Scores on average.

Countries with average levels of generosity demonstrate a diverse range of happiness scores, encompassing both high and low values.

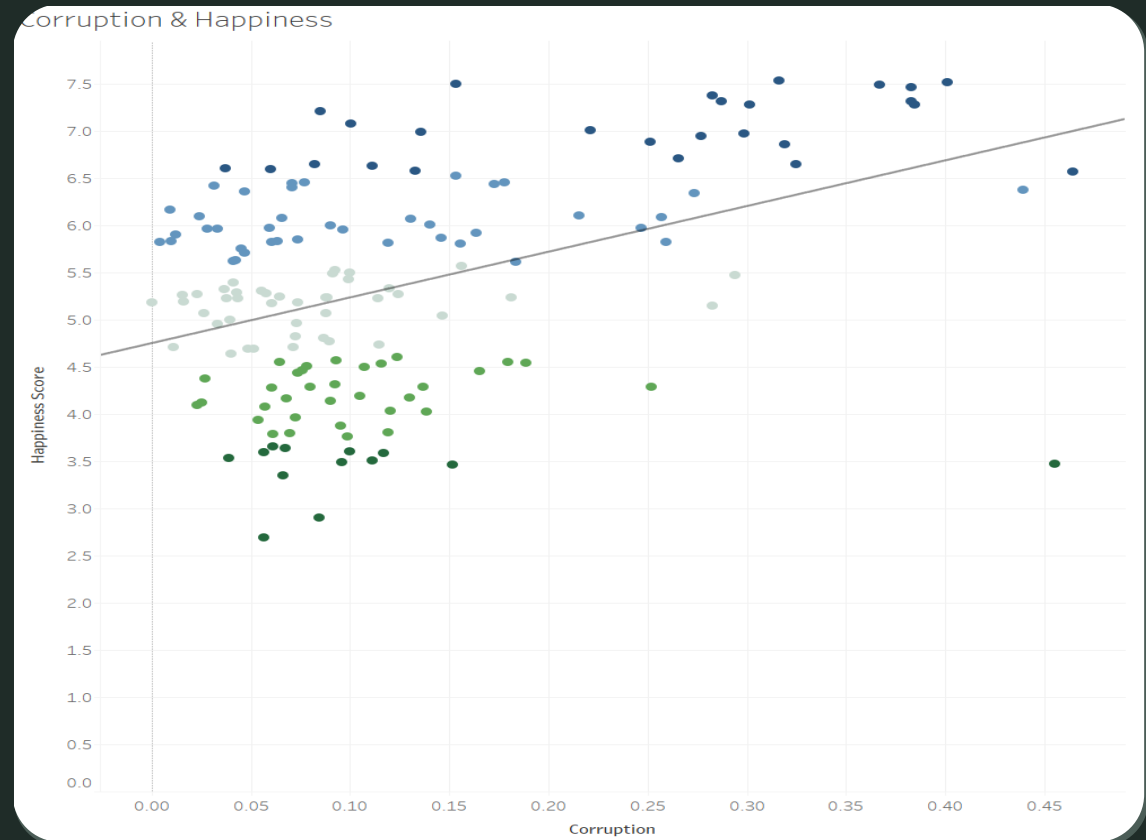


# Corruption vs Happiness

The relationship between corruption and happiness may not be linear. The happiness score seems to level off or even and then slightly increase at the higher end of the corruption scale (lower corruption).

Countries with high corruption levels may exhibit high happiness rates, surpassing nations with lower corruption levels.

This suggests that factors beyond corruption, such as economic prosperity and social support systems, significantly influence happiness levels. Understanding this nuanced interplay is essential for addressing happiness disparities among nations.





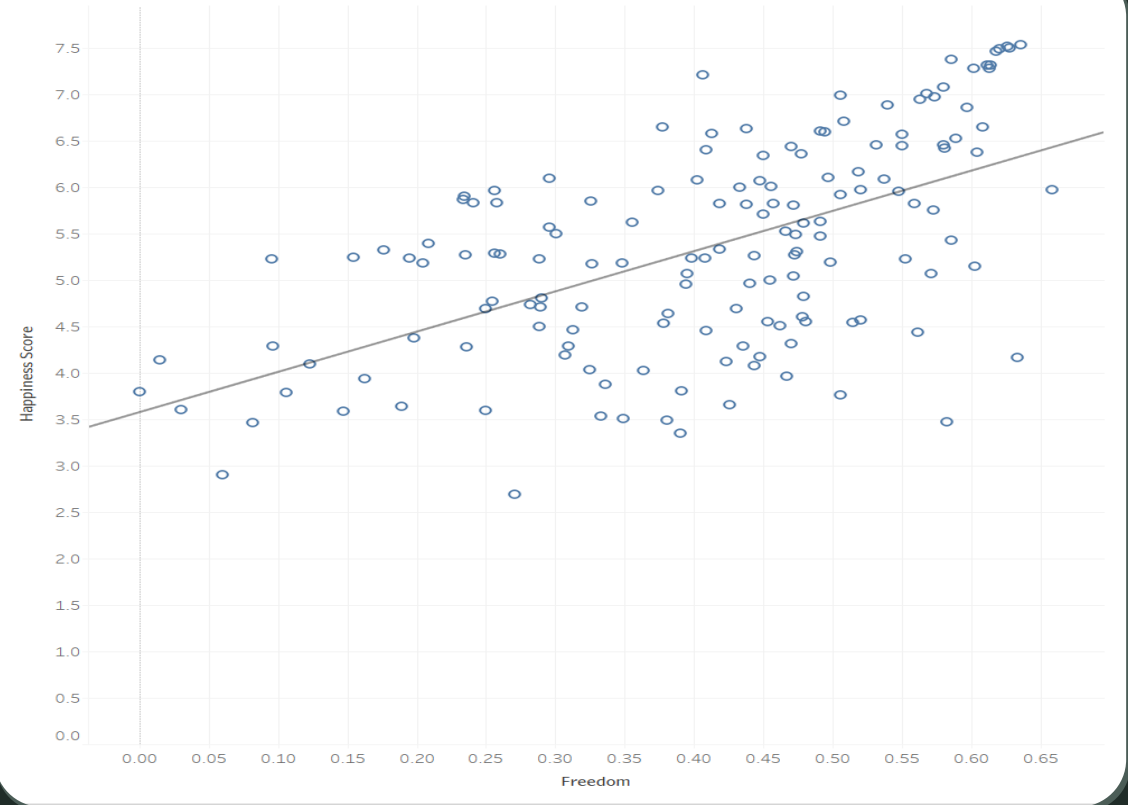
# Freedom and Happiness

suggests a robust relationship between Freedom and Happiness Score.

This indicates that Freedom has a considerable impact on the overall happiness levels of countries.

countries with greater levels of freedom tend to report higher Happiness Scores. This suggests that political, social, and economic freedoms contribute positively to the well-being and happiness of individuals within a society.

Freedom and Happiness

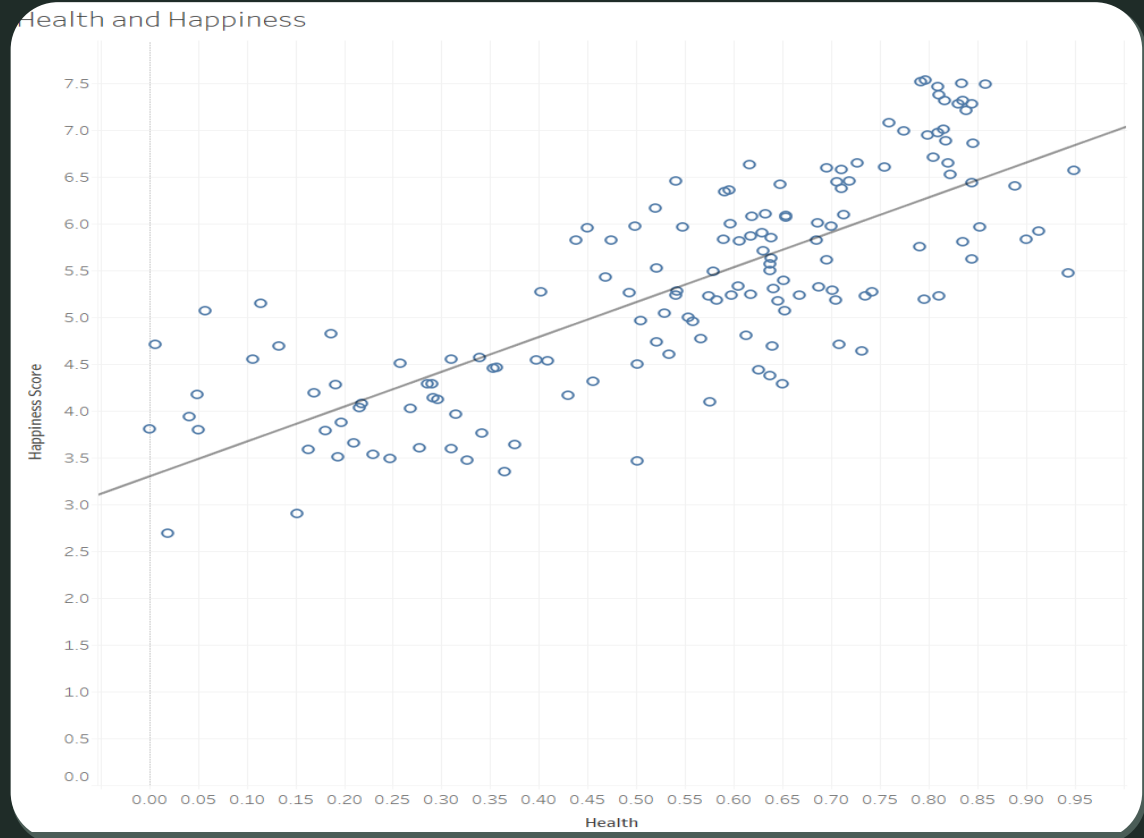


# Health vs Happiness

Indicate a robust and positive relationship between health and happiness score.

This suggests that countries with higher levels of good health tend to have higher happiness scores.

The model's strong explanatory power implies that health is a significant predictor of happiness score. Countries with better health outcomes are more likely to report higher levels of happiness among their populations.



# Economy and Happiness

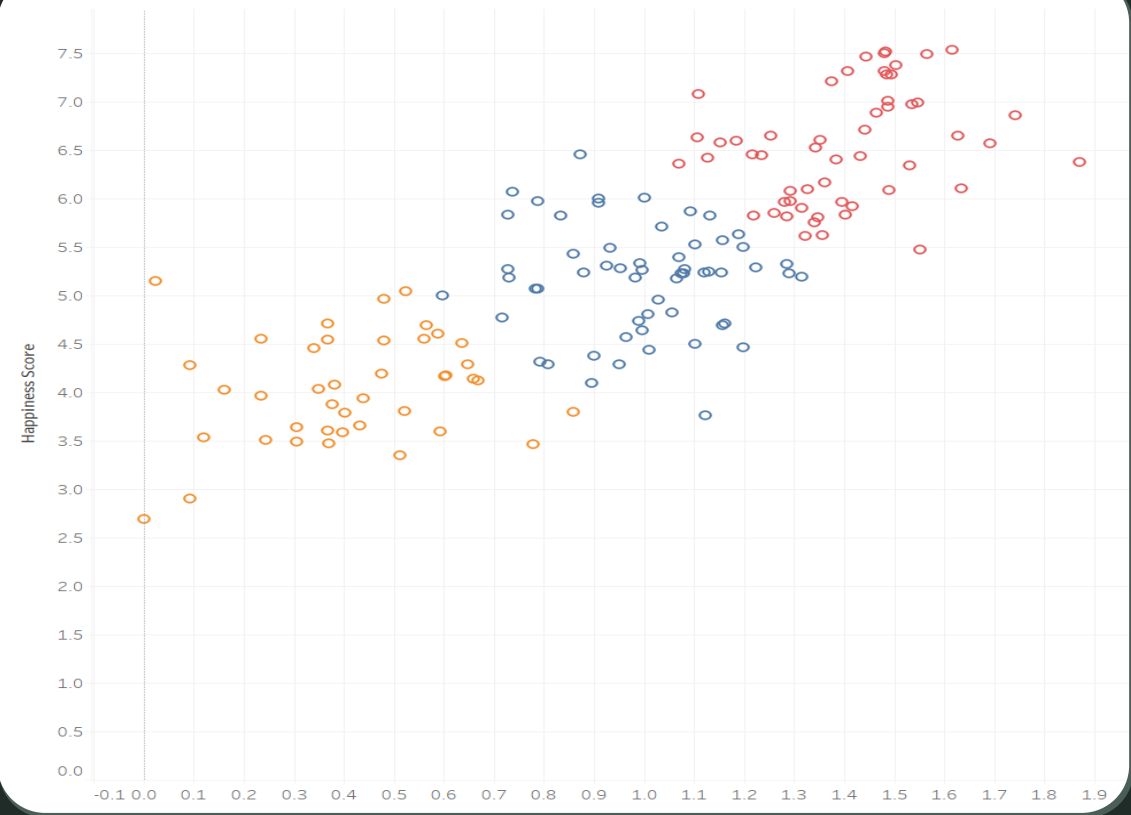
The country clusters suggest that there is a positive association between economic prosperity and happiness levels.

Within the first cluster, countries with lower GDPs tend to display lower happiness rates.

Conversely, the third cluster, characterized by higher GDPs, exhibits higher happiness rates.

This observation reinforces the conventional wisdom that countries with stronger economies generally report higher levels of happiness, a notion neither surprising nor shameful

Economy and Happiness



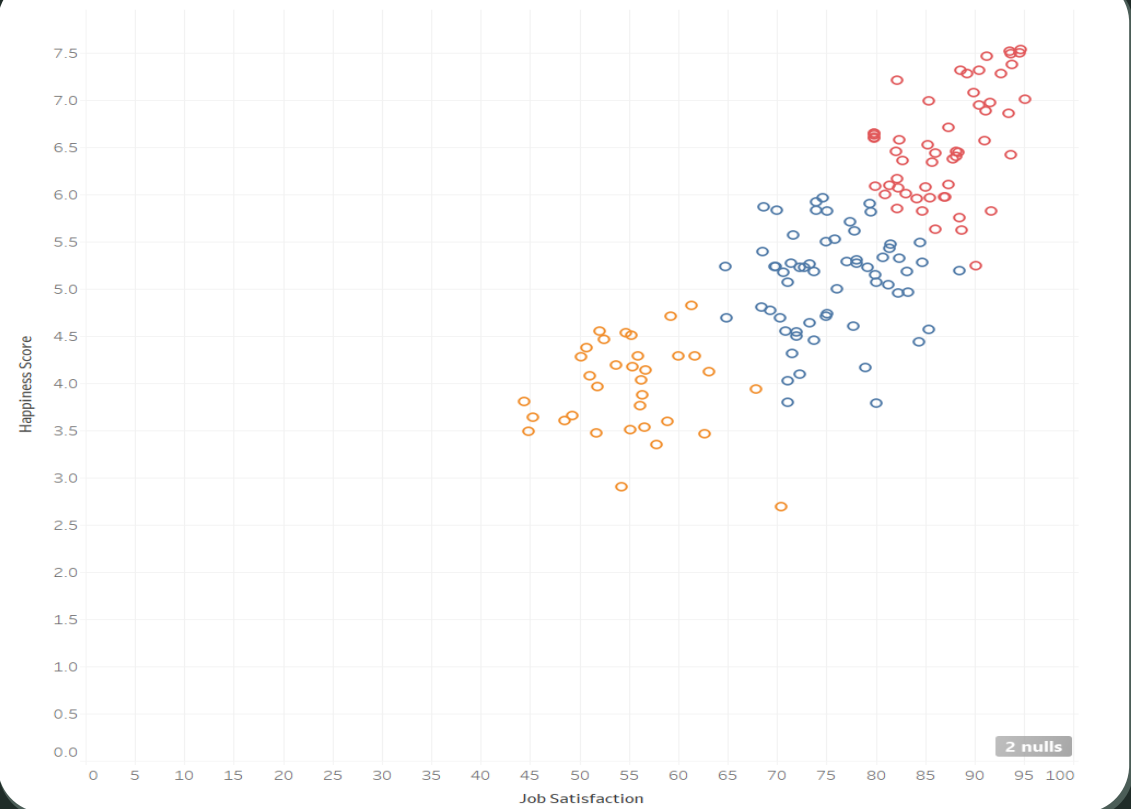
# Job Satisfaction vs Happiness

Clusters highlight a robust connection between job satisfaction and happiness scores. Cluster 3 notably represents nations with high job satisfaction levels, closely aligning with elevated happiness rates.

Cluster 3 showcases countries where job satisfaction is prominent, paralleled by notably high happiness rates, underscoring the vital relationship between workplace contentment and societal well-being.

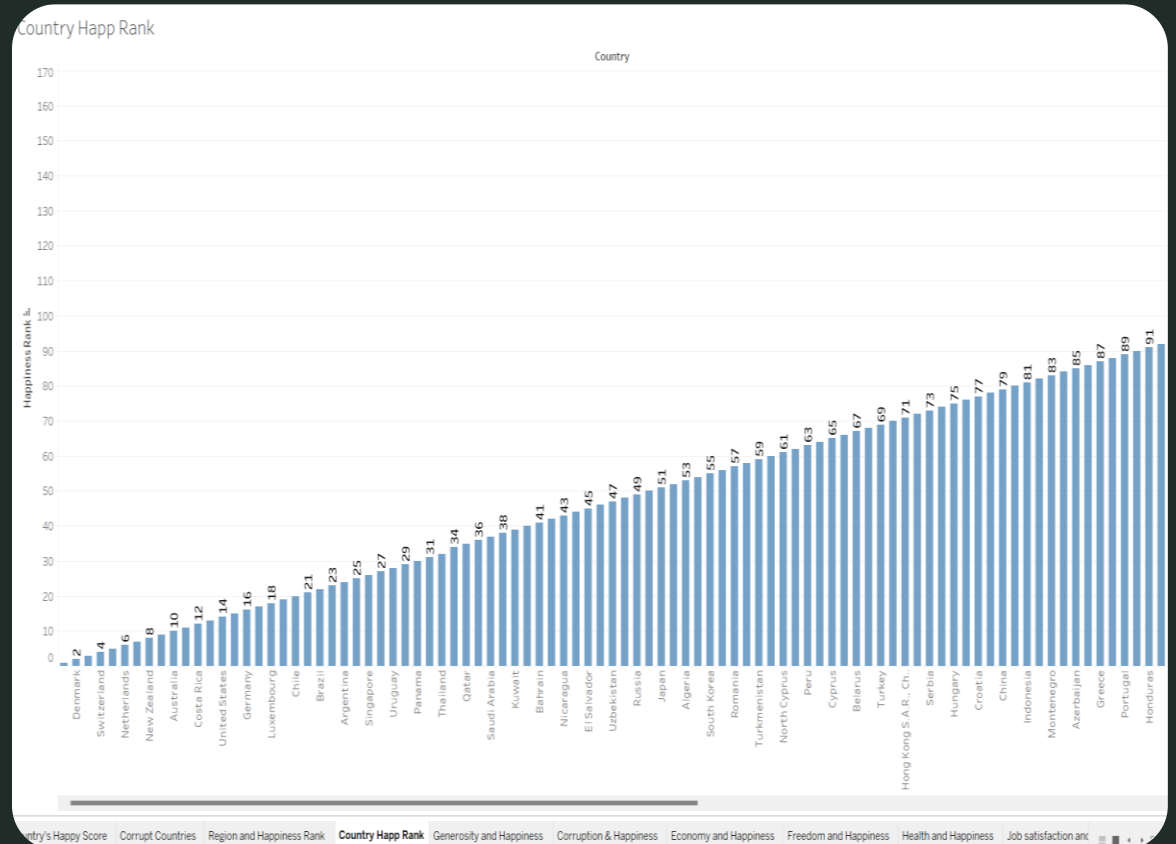
Conversely, countries with lower job satisfaction often exhibit lower happiness rates, revealing the significant impact of job dissatisfaction on national happiness levels.

Job satisfaction and Happiness



# Country vs Happiness

A country's happiness score is influenced by a variety of factors including GDP, health, job satisfaction, and freedom. These elements collectively contribute to the overall well-being and contentment within a nation, underscoring the importance of addressing diverse dimensions of happiness for societal prosperity.





1. In conclusion, the analysis reveals complex relationships between various factors and happiness scores. While generosity, freedom, health, and economic prosperity positively influence happiness, their impact varies across nations.



2. Interestingly, corruption may not have a straightforward relationship with happiness, as some countries with high corruption levels still exhibit high happiness rates. Understanding these nuanced dynamics is essential for addressing happiness disparities among nations



3. Overall, fostering economic prosperity, social support systems, and individual well-being is crucial for promoting happiness worldwide

Once upon a time, a diligent data analyst embarked on a quest to uncover the secrets of happiness across diverse nations. They discovered that while generosity influenced happiness positively, its impact varied. Surprisingly, some nations with high corruption levels still boasted remarkable happiness rates, hinting at the influence of factors beyond corruption. Freedom emerged as a key determinant, with nations enjoying greater freedoms reporting higher happiness scores. Additionally, better health outcomes and economic prosperity were linked to higher happiness levels. Job satisfaction also played a crucial role in happiness. In conclusion, happiness was a multifaceted tapestry woven from generosity, freedom, health, prosperity, and job satisfaction, showcasing the interconnectedness of factors shaping societal well-being.



# Thank you

John Evans Okyere

<https://github.com/JohnEvansOkyere>

<https://www.linkedin.com/feed/>