

# World Happiness Index

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## Introduction

This report contains statistical analysis on ...

1. **Life Evaluation vs Rank:** Citizens' life satisfaction correlation with their country's happiness ranking.
2. **Economic Influence:** The relationship between GDP per capita and happiness index.
3. **Governance Impact:** Corruption perception effect happiness rankings.

This analysis employs Exploratory Data Analysis techniques to find different relationships in data and provide insights into what contribute to a nation's happiness index.

## Data Provenance and Ethical Considerations (??)

FAIR (?)

CARE (?)

## Data Preparation

Explanation

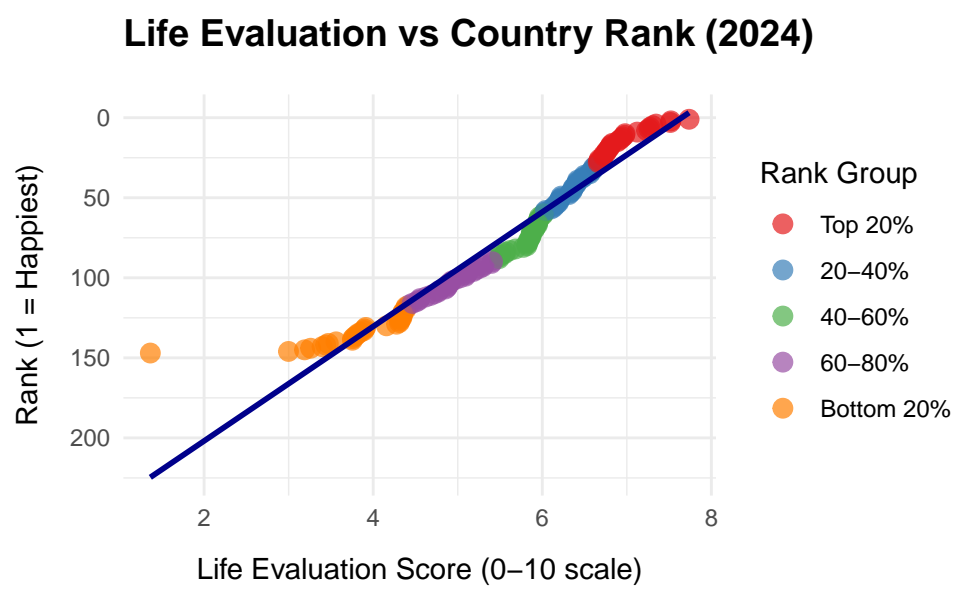
Summary Statistics (? maybe to display what we have first then go into tables and figures)

## Visualization

### 1. Life Evaluation vs Country Rank

Rank Group	Number of Countries	Avg. Life Evaluation	Min	Max	STDEV
Top 20%	30	6.96	6.63	7.74	0.30
20-40%	29	6.34	6.03	6.61	0.17
40-60%	29	5.82	5.49	6.01	0.16
60-80%	29	4.94	4.42	5.41	0.30
Bottom 20%	30	3.85	1.36	4.39	0.63

Figure 1: Life Evaluation vs Country Rank



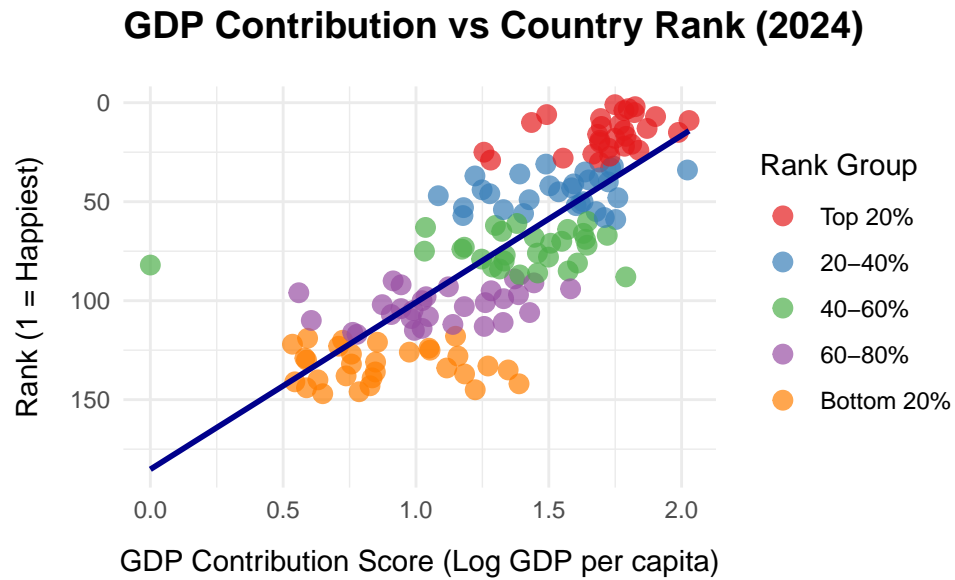
Interpretation:

2. GDP Contribution vs Country Rank

Table 2: GDP Contribution Statistics by Rank Group

Rank Group	Number of Countries	Avg. GDP Contribution	Min	Max	STDEV
Top 20%	30	1.72	1.26	2.03	0.17
20-40%	29	1.53	1.08	2.02	0.22
40-60%	29	1.38	0.00	1.79	0.33
60-80%	29	1.09	0.56	1.58	0.25
Bottom 20%	30	0.88	0.54	1.39	0.26

Figure 2: GDP Contribution vs Country Rank



Interpretation:

### 3. Corruption Perception vs Country Rank

Interpretation:

### 4. Countries ranking (?) or other graphs maybe

Interpretation”

## Discussion and Conclusions

### Key Findings

1. Life Evaluation:
2. Economic Foundation
3. Governance Importance

**Limitations and Future Research**

**Recommendations (???)**

**Author Contributions**

**References**

**Code Appendix**