[WORLD HAPPINESS DATASET 2023]

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BSC DATA SCIENCE AND ANALYTICS

WORLD HAPPINESS DATASET - 2023

Introduction:

The World Happiness dataset of 2023 provides a comprehensive look at the factors influencing happiness and well-being across countries. This dataset includes various metrics such as Life Ladder (happiness score), GDP per capita, social support, healthy life expectancy at birth, freedom to make life choices, generosity, perceptions of corruption, positive affect, and negative affect. Analyzing this dataset can offer insights into how different factors contribute to the overall happiness and well-being of individuals in different countries.

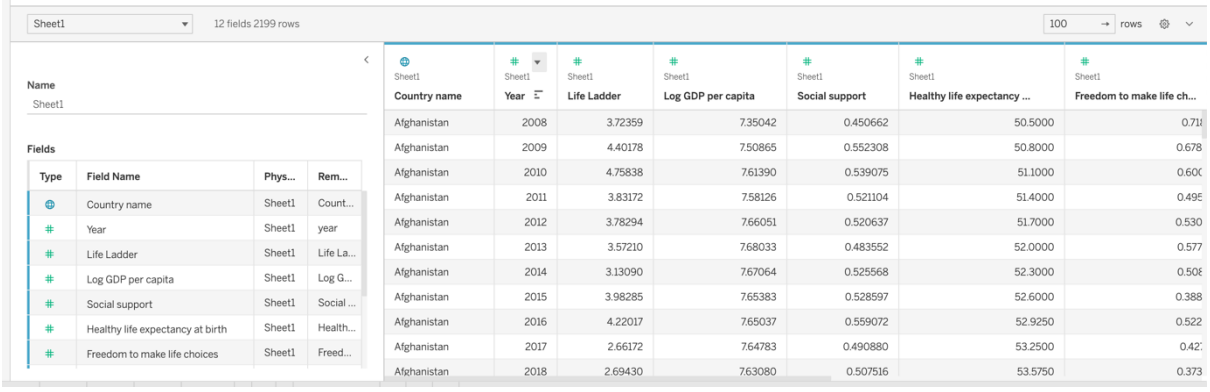
About the dataset:

The dataset contains information for multiple countries and regions, with each row representing a specific country and year (2023 in this case). Here's a brief overview of the columns:

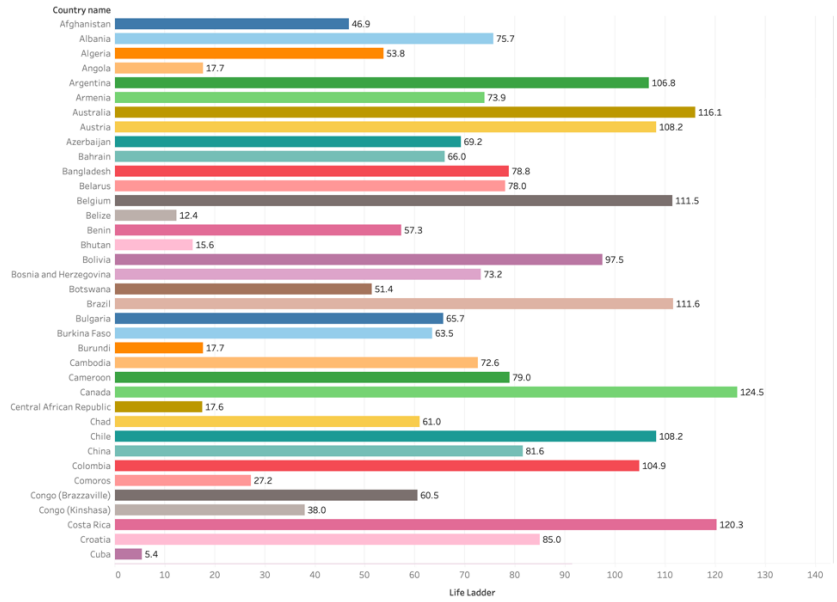
1. Country name: The name of the country.
2. Year: The year of the data (2023).
3. Life Ladder: The happiness score for each country, representing overall life satisfaction.
4. Log GDP per capita: The logarithm of GDP per capita, used as a measure of economic performance.
5. Social support: The perceived social support (e.g., family, friends) available to individuals.
6. Healthy life expectancy at birth: The average number of years a newborn can expect to live in good health.
7. Freedom to make life choices: The perceived freedom to make life choices.
8. Generosity: The perceived generosity of individuals in a country.
9. Perceptions of corruption: The perceived level of corruption in a country.
10. Positive affect: The average score for positive emotions experienced by individuals.
11. Negative affect: The average score for negative emotions experienced by individuals.

This dataset provides a rich resource for exploring the factors that contribute to happiness and well-being, and how these factors vary across different countries and regions.

DATA SOURCE :

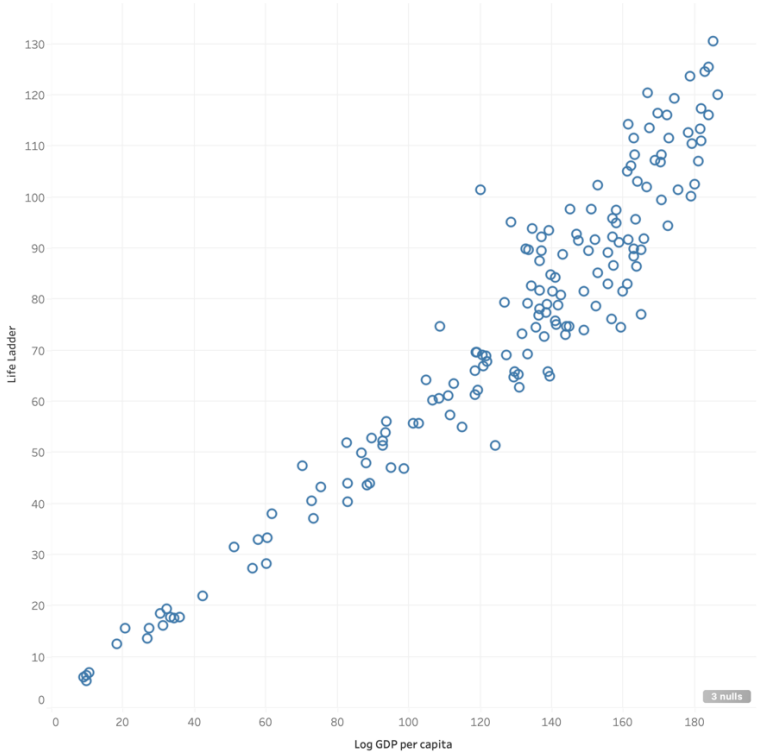


1. Which countries had the highest Life Ladder score in 2023?



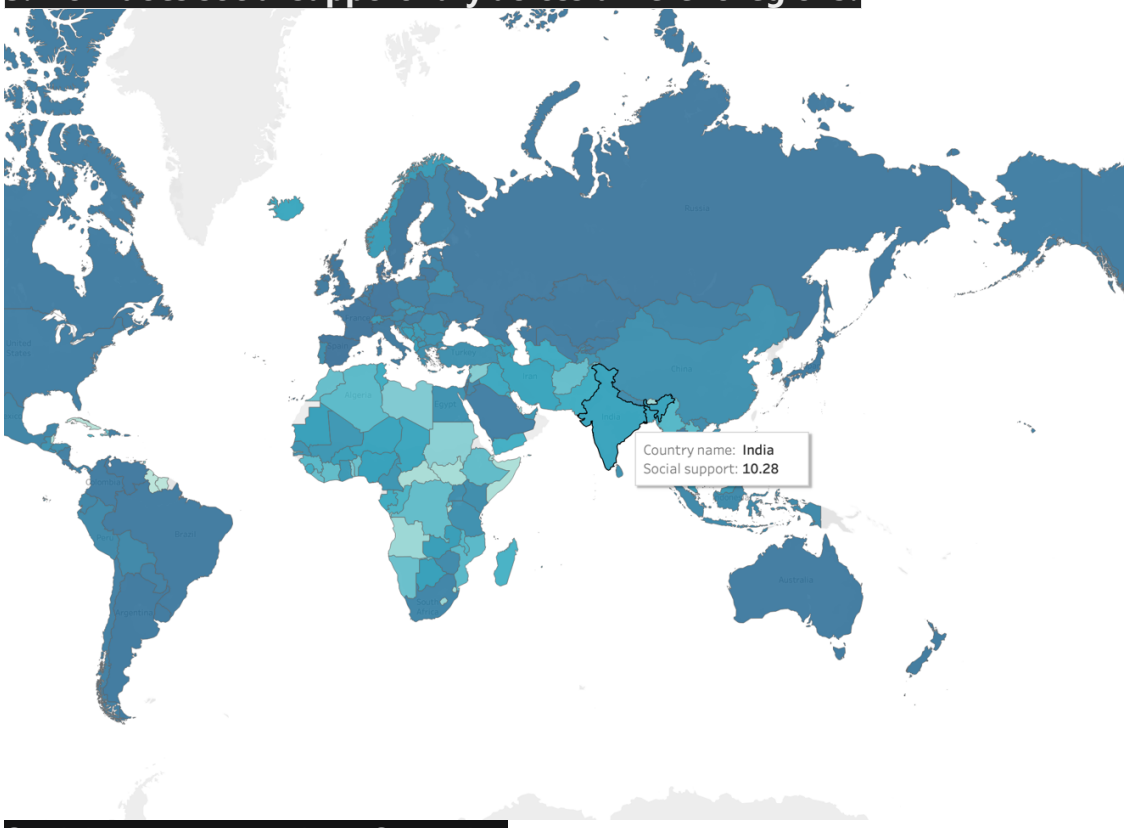
The countries with the highest Life Ladder scores in 2023 are Costa Rica (124.5), Canada (120.3), Australia (116.1), and Belgium (111.5). The scale goes from 0 to 140, so these countries have some of the highest reported happiness scores.

2. Is there a correlation between GDP per capita and happiness?



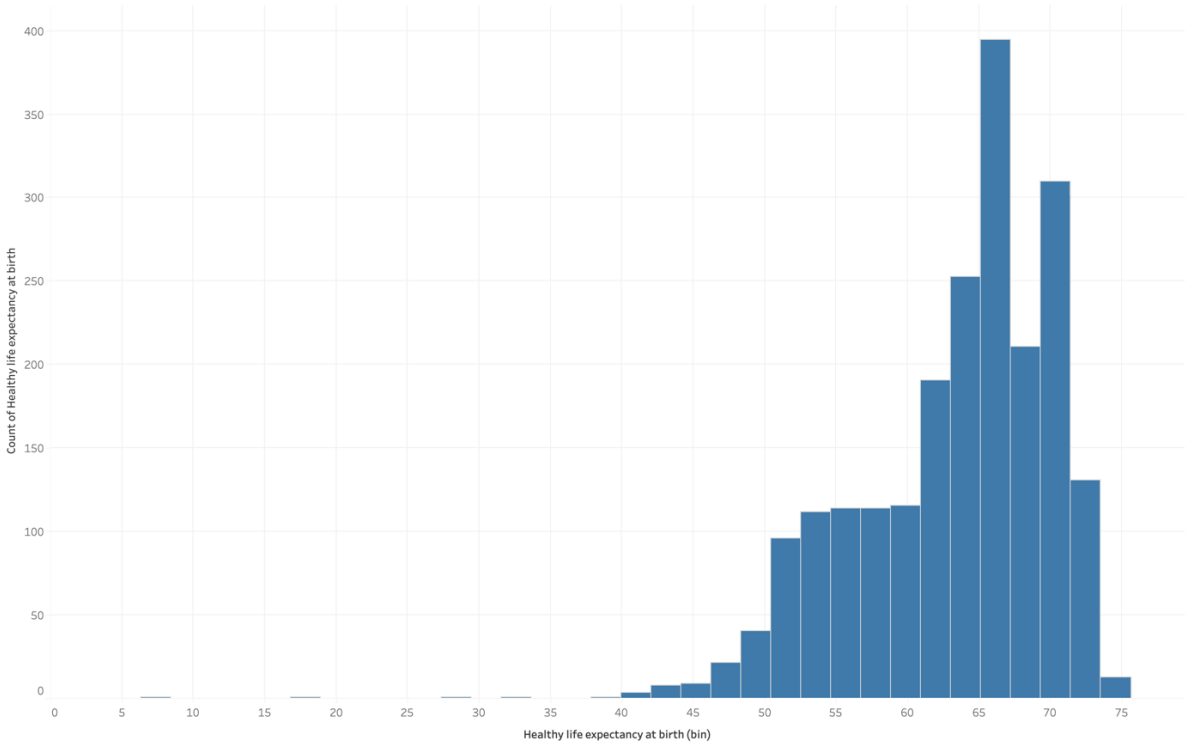
There is a possible positive correlation between GDP per capita and life ladder score, with countries like Costa Rica and Canada appearing high in both metrics.

3. How does social support vary across different regions?



Social support of various Countries

4. What is the distribution of healthy life expectancy across countries?



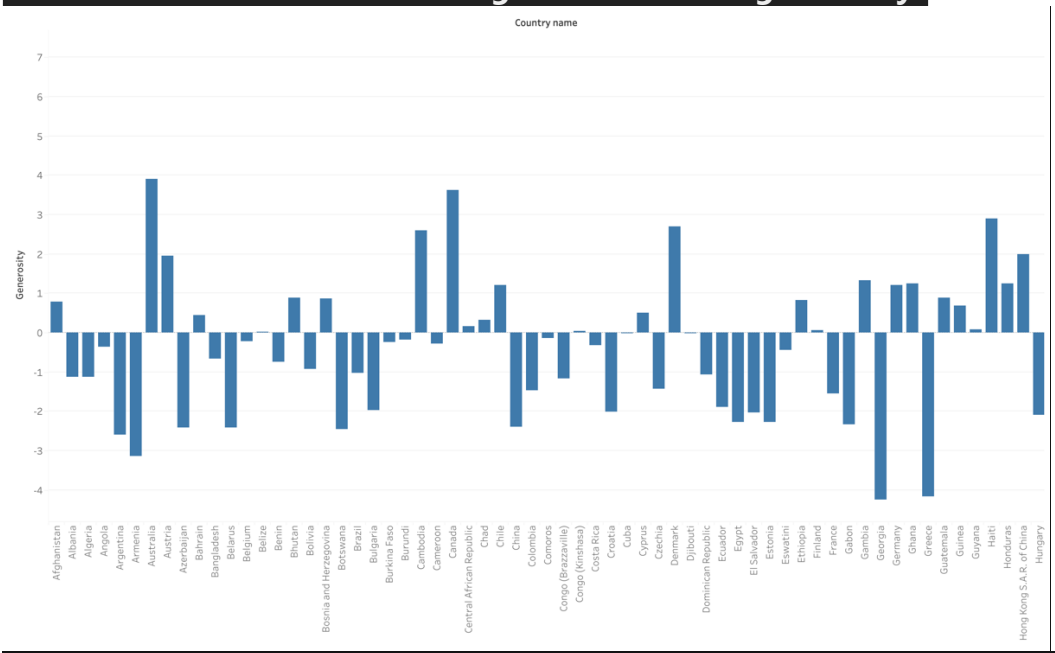
Distribution of health life expectancy

5. Are there any outliers in the relationship between freedom to make life choices and happiness?

There are some outliers

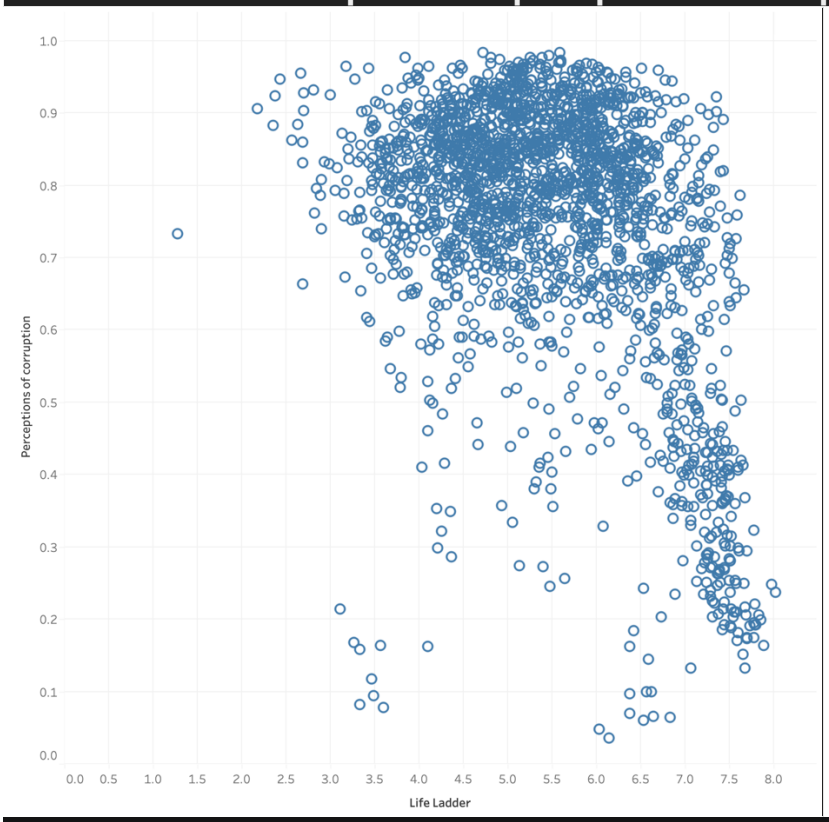
- The point at (0, 100) shows a country with a very high Life Ladder score but 0 ladder climbers.
- There are also a few points that cluster together at the bottom of the graph with low Life Ladder scores and a high number of ladder climbers.

6. Which countries exhibit the highest and lowest generosity?



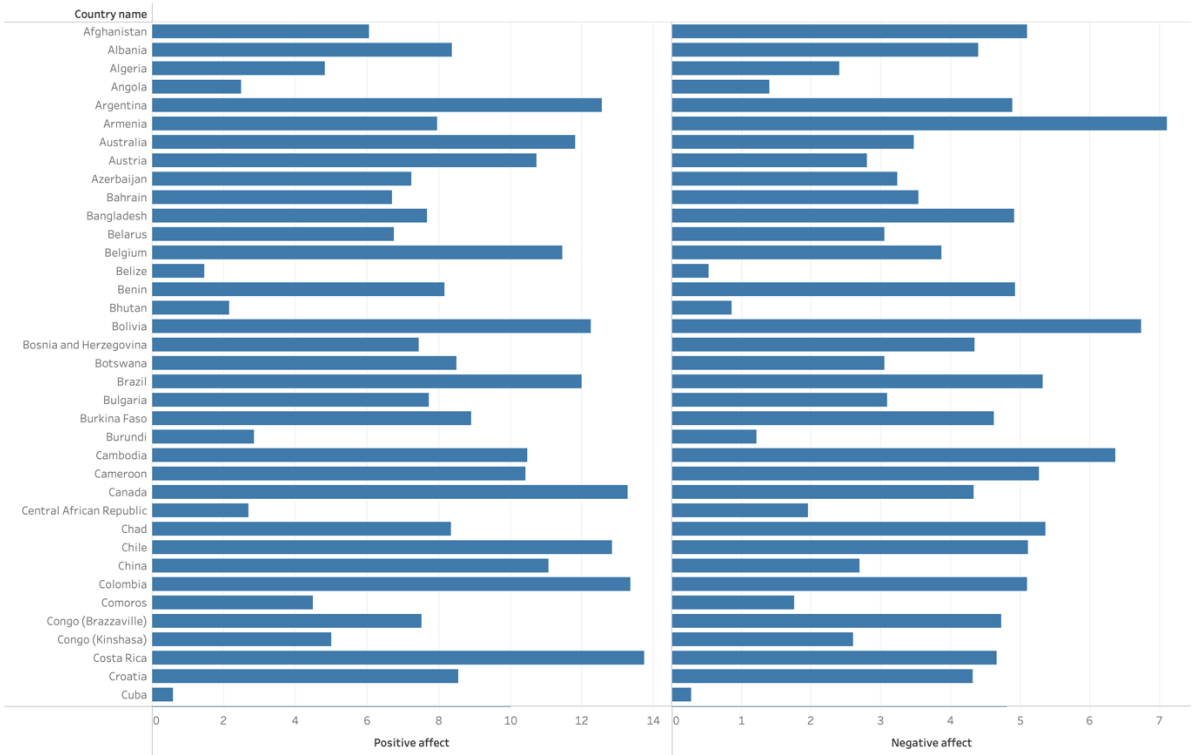
Indonesia (7.12) has the Highest Generosity and Georgia (-4.24) has the Lowest Generosity

7. Is there a relationship between perceptions of corruption and happiness?

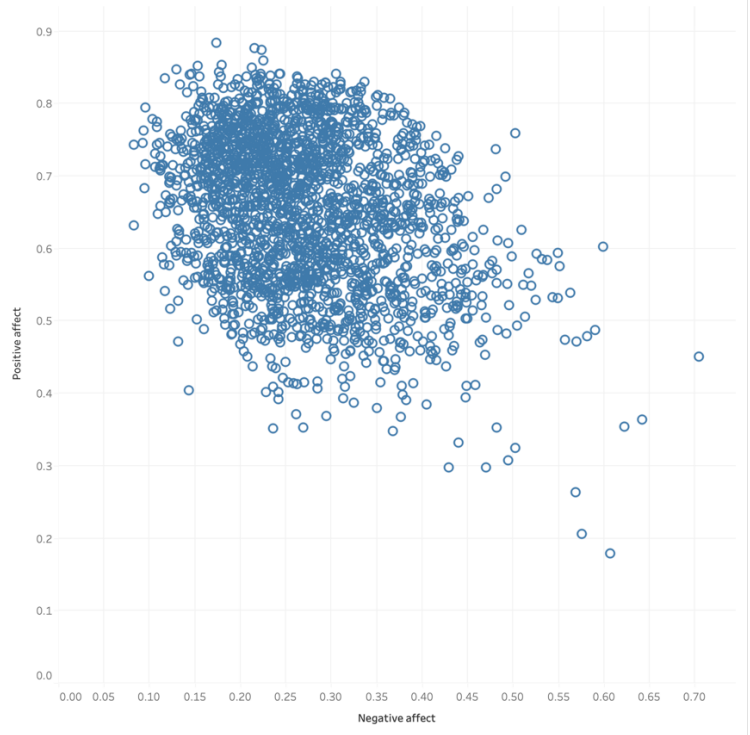


There is a possible positive correlation between the number of "Life Ladder Climbers" and a country's Life Ladder score.

8. How do positive and negative affect vary across regions?

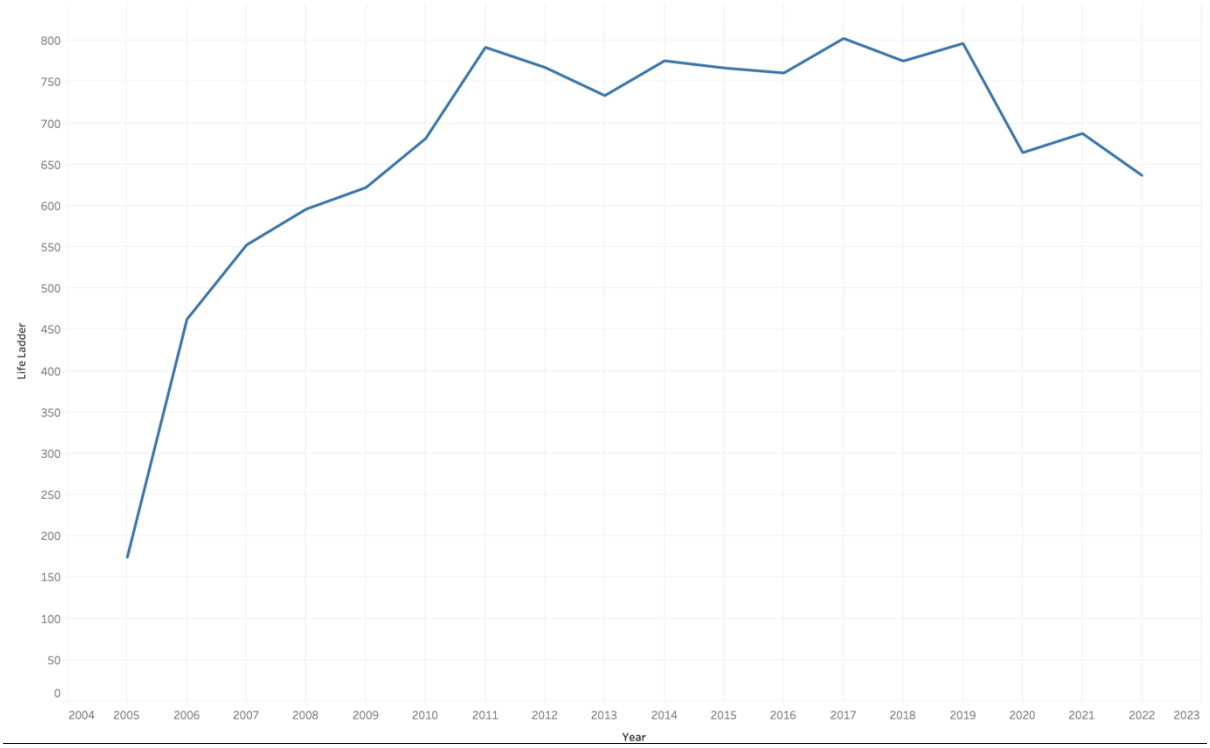


9. Are there any countries where positive affect is high but negative affect is low (or vice versa)?



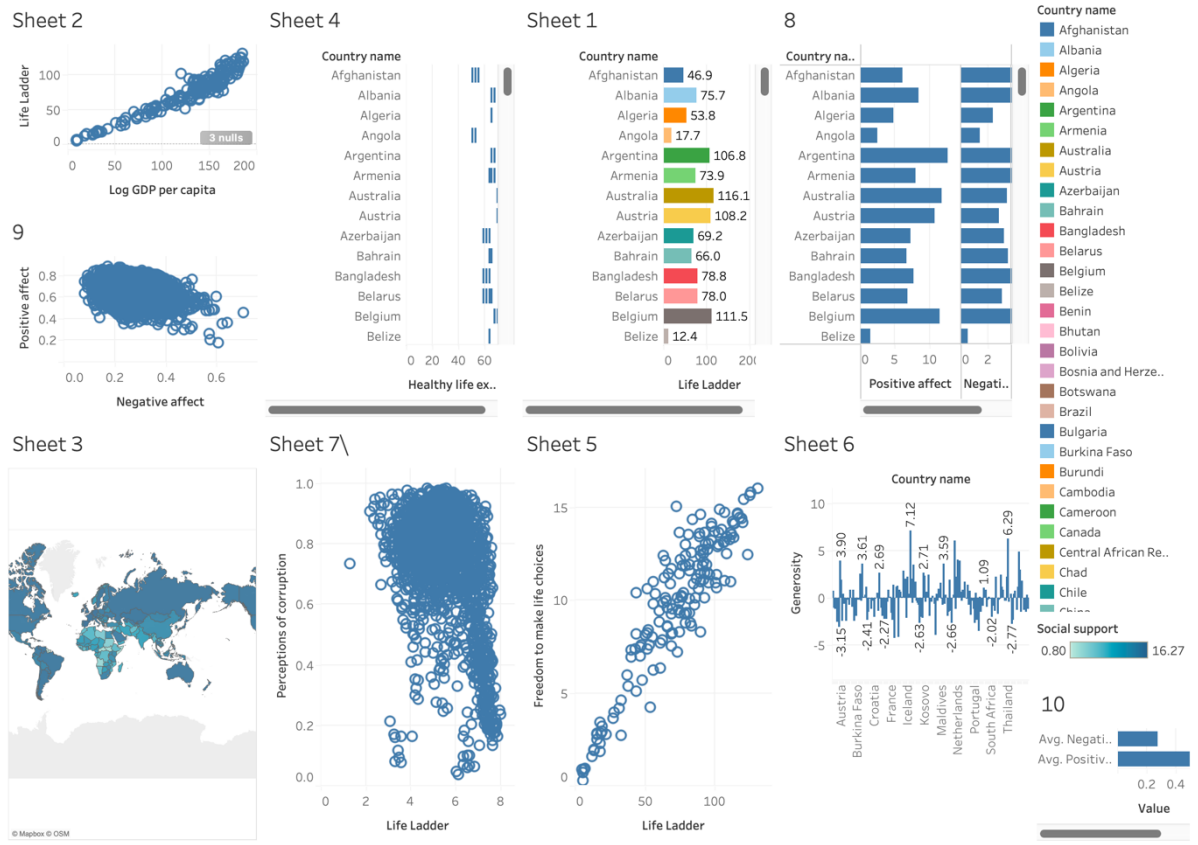
There is a possible positive correlation between the number of "Life Ladder Climbers" and a country's Life Ladder score, with some outliers present.

10. How has the overall happiness of different regions changed over time?



The Happiness of Countries has increased till 2011 and then there are ups and downs over years.

DASHBOARD



THANK YOU