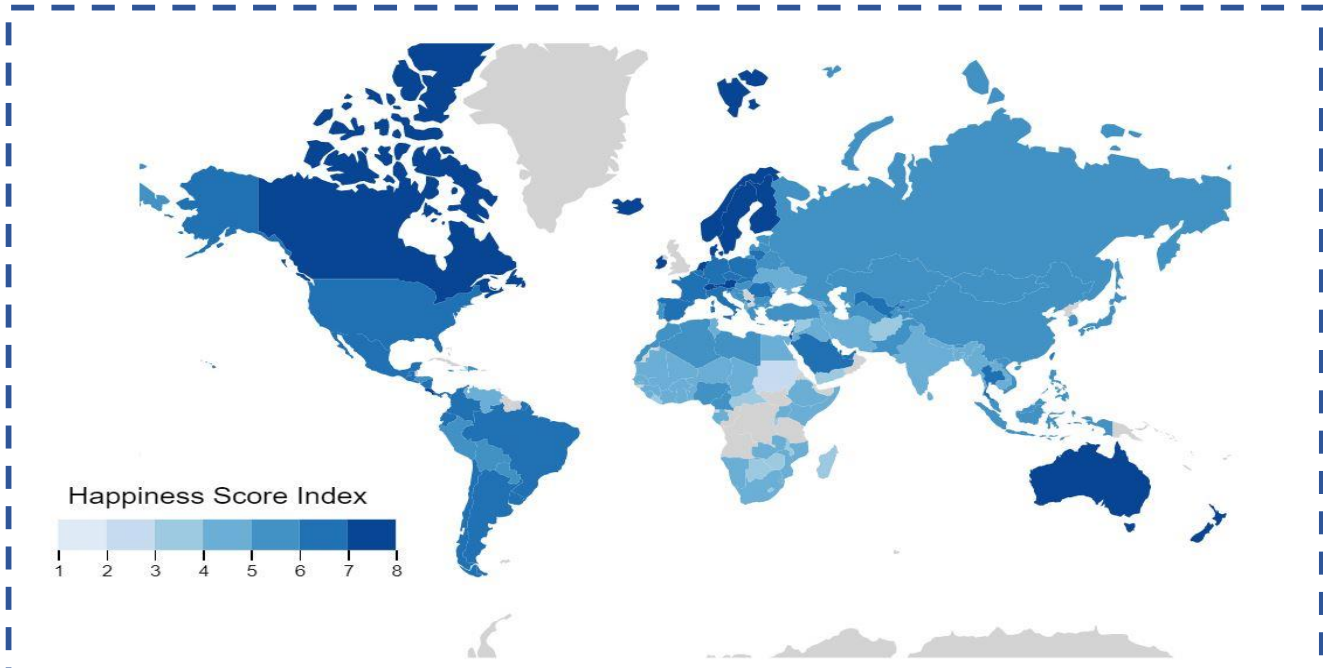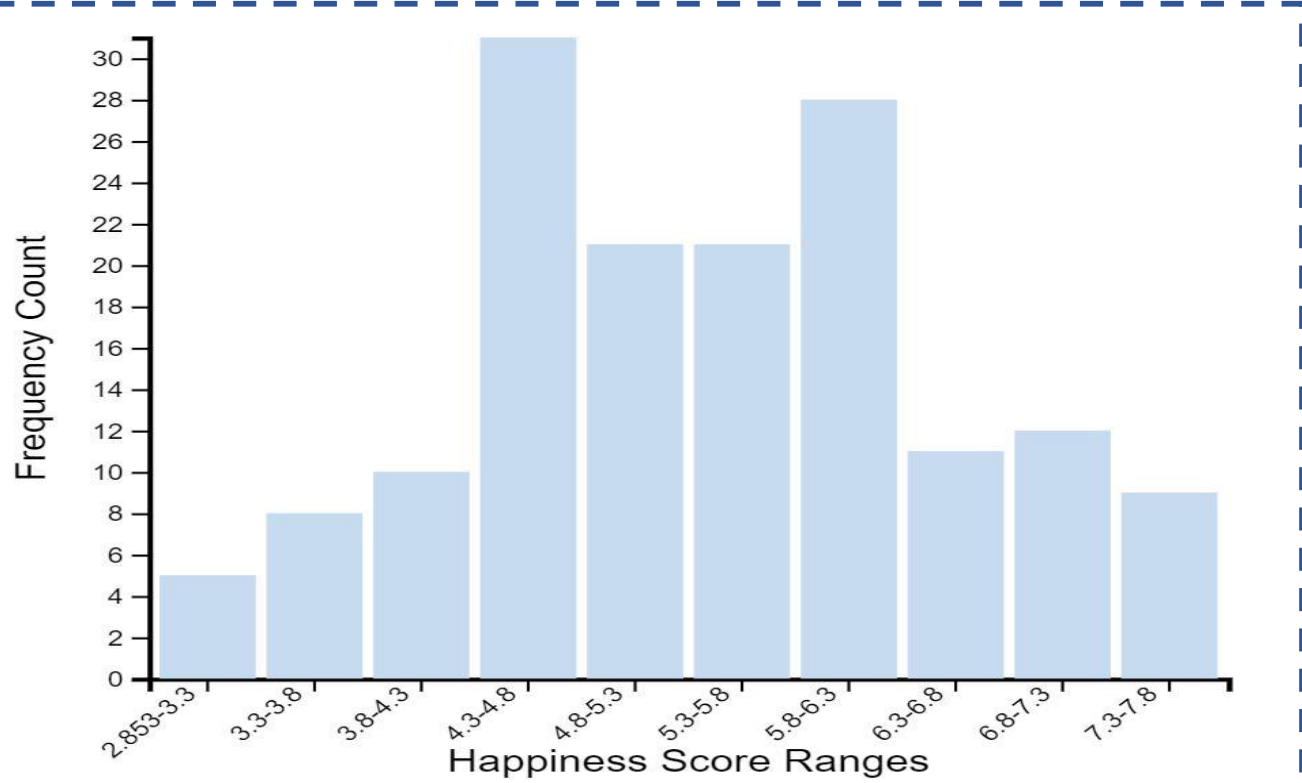# World Happiness Index

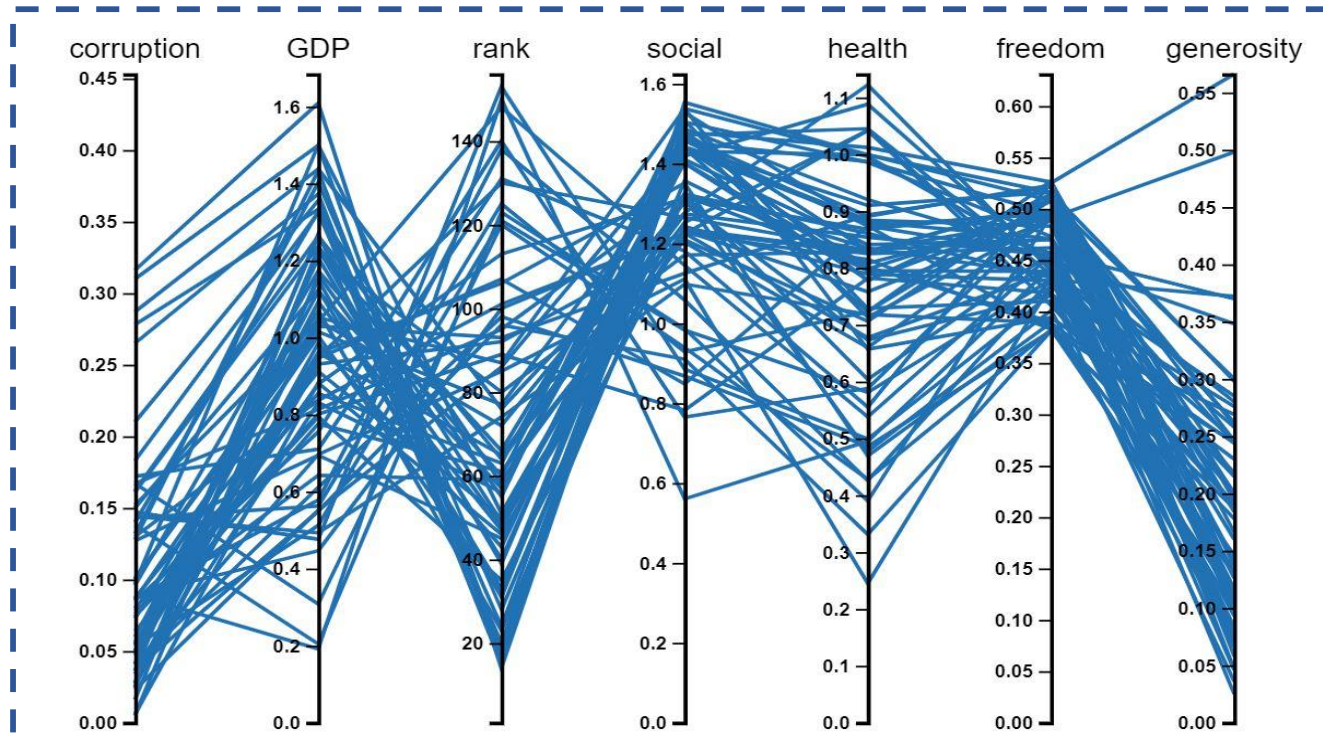Surabhi Sarnot (112584690)
Himanshu Agrawal (112680639)

Being happy is vital in achieving one's goals and also for a healthy lifestyle. Happiness creates a wave of liveliness and a happy society leads to a prosperous country. That is why we have chosen to create a dashboard to perform Visual Analytics on the World Happiness Index dataset. This dashboard consists of 5 components and each has its own significance in conveying some interesting aspects of the dataset. It allows us to infer meaningful and unique aspects of how the attributes are related to country's happiness score.
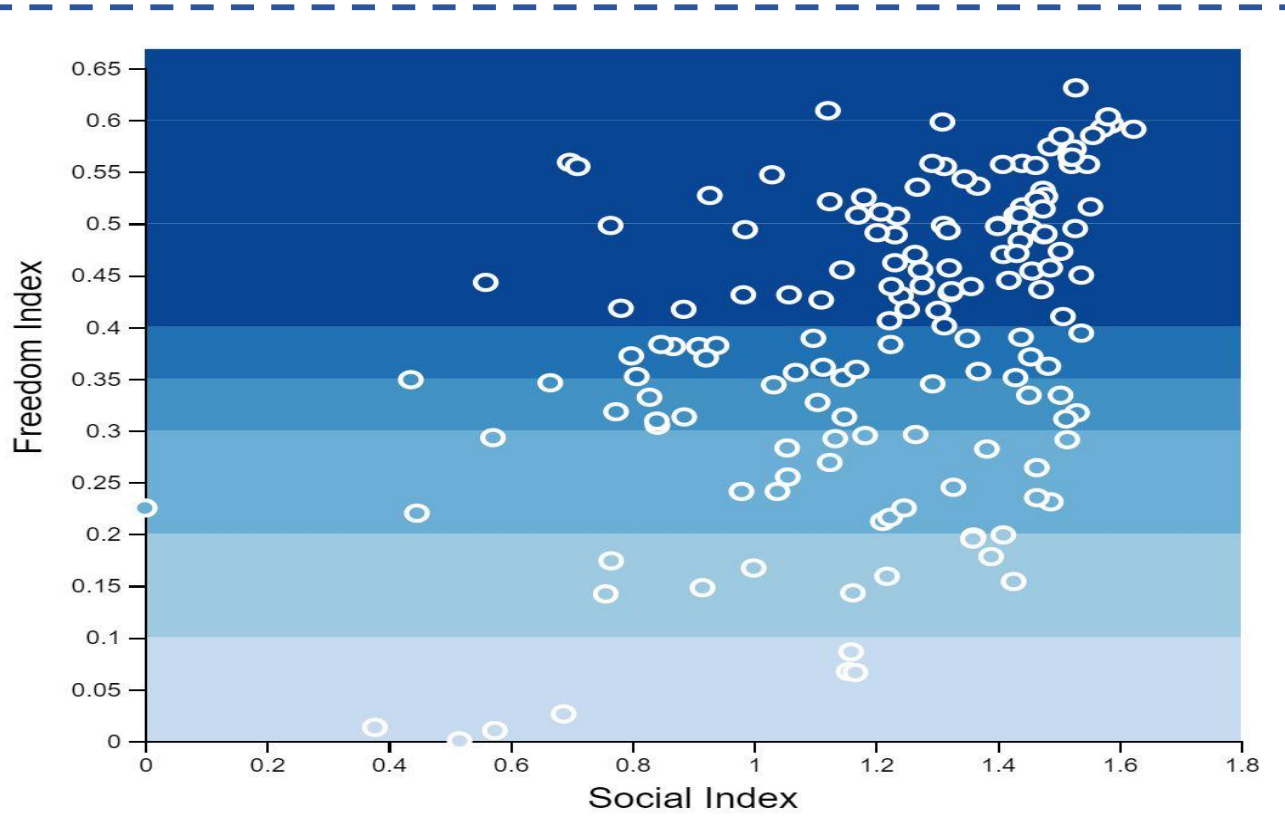
Finland, Denmark, Norway, Iceland are among happiest countries. Syria, Yemen, Afghanistan, Sudan are among least happiest countries.
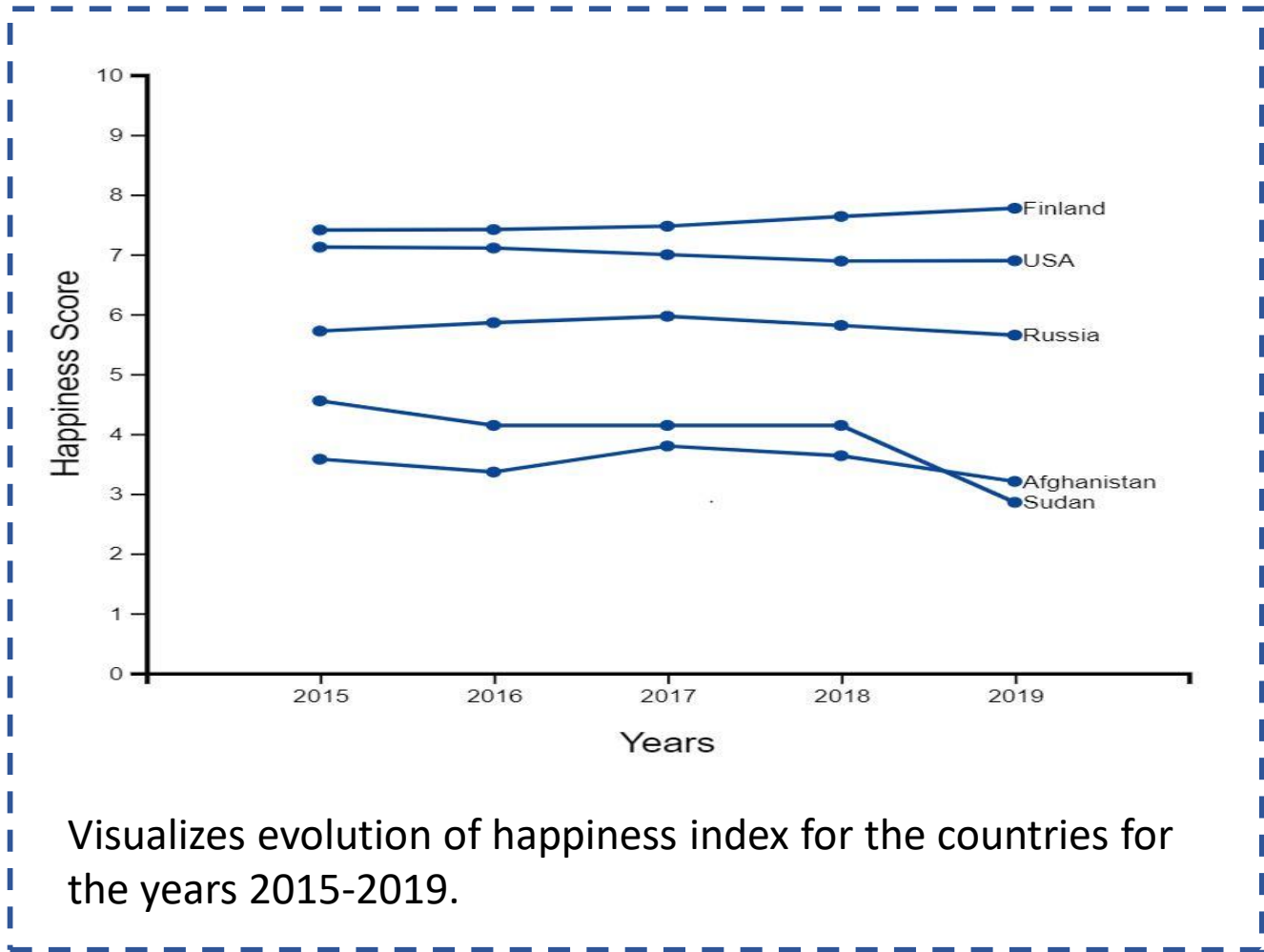
Only 1/4th of the world has a happiness score higher than 6.3

Visualizes how various factors correlate with each other and vary as per the happiness scores. Corruption has positive correlation with GDP for happiest countries and negative correlation for least happy countries.

Shows a positive correlation between social support and freedom to make choices.

Visualizes evolution of happiness index for the countries for the years 2015-2019.

Applications: Knowing about the factors contributing towards the happiness measure, can help individuals to shape their mental outlook towards the country and fellow individuals and work towards their own betterment. For NGOs, and various philanthropic organizations working in different countries and various fields, the understanding of the World Happiness Index data will help them identify and work for the mitigation of hardship and problems in various countries identified through this dashboard's visual analytics ability.

Scan here to see dashboard demo