

# World Happiness Index

*comparing influential factors and trends impacting global happiness*

## DATASET

[World Happiness Index](#): 2015-2019

From Kaggle: The World Happiness Report, which ranks 155 countries by their happiness levels, was created by the United Nations. The report gained global recognition once governments, organizations, and civil society began using happiness indicators to inform their policy-making decisions.

## PROJECT DETAILS

- 3 dashboards
- Libraries
  - Leaflet
- Write a flask app to create our own API

## AVAILABLE DATA

Country	Family
Region	Health (Life Expectancy)
Happiness Rank	Freedom
Happiness Score	Trust (Government Corruption)
Standard Error	Generosity
Economy (GDP per Capita)	Dystopia Residual

## MOTIVATION

Our team chose to use The World Happiness Report for several reasons. We wanted a dataset that allowed for a map visualization and involved multiple categories for comparison.

## DASHBOARD CONCEPTS

High and Lows Map

- Select a measure and the 5 highest-rated countries and 5 lowest-rated countries show up
  - 2019 data only
  - Dropdown with measures (Family, Freedom, etc)



## Changes Over Time Graph

- Line graph showing measurements for a specific country
  - List of all countries--select one
  - First line shows overall score
  - Second line is selected in dropdown



## Hover Option

- Hover over a country and a popup will show:
  - 2019 data only
  - Country
  - Happiness Rank

Click on name  
of country, see  
happiness index

