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
  - Familiar: Leaflet
  - Unfamiliar: Plug-in/layer from JS Library for additional map features
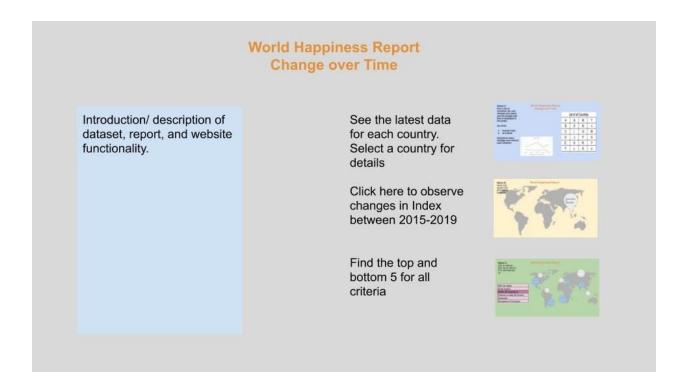- Flask for .csv file in SQLite

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.

Homepage

Features a description of the dataset and a summary of the presentations plus graphics showing miniatures of the following pages.
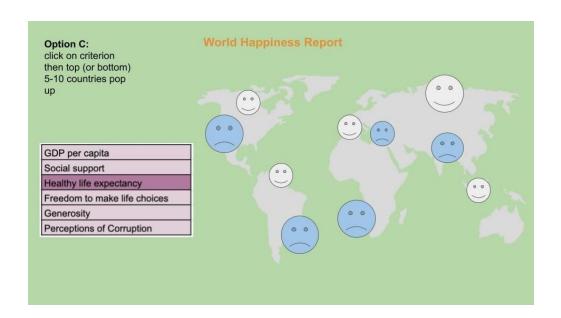

The website will have three additional pages for more in-depth visualization of the data:

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)

World Happiness Report

GDP per capita
Social support
Healthy life expectancy
Freedom to make life choices
Generosity
Perceptions of Corruption

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

World Happiness Report
Change over Time

List of all Countries

A	G	M	T
B	H	N	V
C	I	O	W
D	J	P	X
E	K	R	Y
F	L	S	Z

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

of country, see
happiness index

Benin
Ratings: