

# 9.7% of youth in the U.S. have severe major depression, compared to 9.2% in last year's dataset.

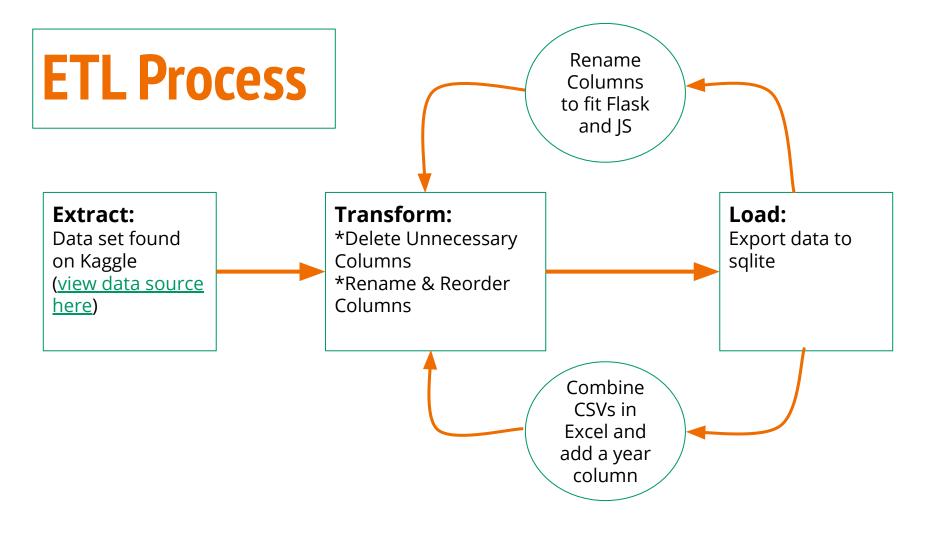
https://www.mhanational.org/issues/state-mental-health-america

# **Motivations**

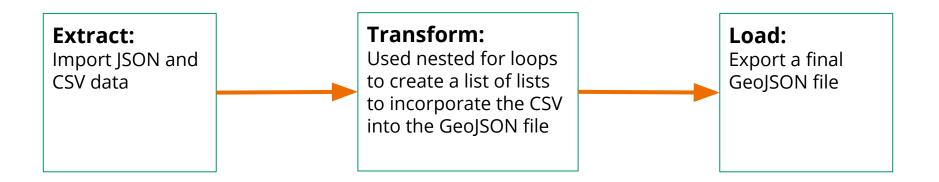
Where is the happiest place on Earth?
What country is the most consistently
Happy?

## Overview:

- 1. ETL Process
- 2. Flask App
- 3. HTML & CSS
- 4. Visualizations and App Pages
- 5. Questions/Comments



## ETL - GeoJSON



# Flask App

- Setup Flask and sqlite database
- Created a Data page with a connection to the sqlite database
- Created routes for the homepage and visualizations

## HTML & CSS

### New Javascript Library: Anime.js

 Used to create the animations that you see on the homepage

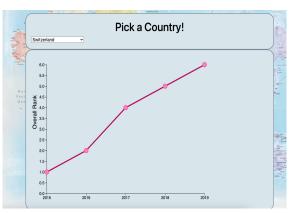
Utilized bootstrap functionalities to create the navbar, and dropdown menu on the Happiness by Country page

## Our web page consists of a homepage and four additional pages:

- Happiness by Country An interactive map
- 2. **Happiness: The Last 5 Years** An interactive line chart with a drop down menu to choose a country
  - Within this page, there are 4
     additional dropdown items that
     link to the four additional year
     data charts
- 3. **Full Data** A searchable table that displays all of our cleaned data
- 4. **ArcGIS Example** Shows how created examples are interactive within ArcGIS

# Let's take a look at our App!

### **Happiness: The Last 5 Years**



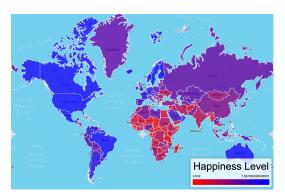
#### **Raw Data**



#### Homepage



**Happiness by Country** 



**ArcGIS** 



# Questions/Comments?

