**Variables**  
World Happiness 2020 Data Set  
**Country Name**  
**Regional Indicator**  
**Happiness Score**

World Health 2020 Data Set

Medical Support Factors

* **cleanFuelAndTech**.csv -> Proportion of population with primary reliance on clean fuels and technologies (%)
* **basicDrinkingWaterServices**.csv ->Population using at least basic drinking water services (%)  
  Sanitation and Hygiene
* **AlcoholSubstanceAbuse**.csv -> Total (recorded + unrecorded) alcohol per capita (15 +) consumption’s.
* **crudeSuicideRates**.csv -> Crude suicide rates per 100,000 population
* **infantMortalityRate**.csv-> Probability of dying between birth and age 1 per 1000 live births.
* **lifeExpectancyAtBirth**.csv -> Life expectancy at birth, country wise mentioned in age (years).
* **atLeastBasicSanitizationServices**.csv - > Population using at least basic sanitation services (%)  
  roadTrafficDeaths.csv -> Estimated road traffic death rate per 100,000 population
* **mortalityRatePoisoning**.csv
* **tobaccoAge15**.csv
* **30-70cancerChdEtc**.csv

Environmental Support Factors

* **roadTrafficDeaths.**csv
* **airPollutionDeathRate.**csv
* **basicDrinkingWaterServices.**csv
* **atLeastBasicSanitizationServices.**csv
* **cleanFuelAndTech.**csv

1. Identify how happiness differs by country.

* **Variables**: Happiness Score (continuous DV), Country (categorical IV)
* **Statistical Test**: ANCOVA

1. Identify health metrics that influence happiness.

* **Variables**: Happiness Score (continuous - IV), infant mortality rate (continuous -DV), life expectancy at birth (continuous -DV), suicide rates (continuous -DV), road traffic deaths (continuous -DV)
* **Statistical Test**: Multiple linear regression

1. Identify the environmental and lifestyle indicators that influence happiness.

* **Variables**: Happiness Score (continuous - IV), clean fuel and tech (continuous), basic sanitation services (continuous), basic drinking water services (continuous), alcohol substance abuse (continuous)
* **Statistical Test**: Multiple linear regression

**Additional descriptive statistics**  
o  Graph happiness scores by region from 2015-2020  
o  Graph average, range, and standard deviation of total happiness scores in 2020