WORLD'S HAPPINESS REPORT

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Happiness Score...???

Data Overview
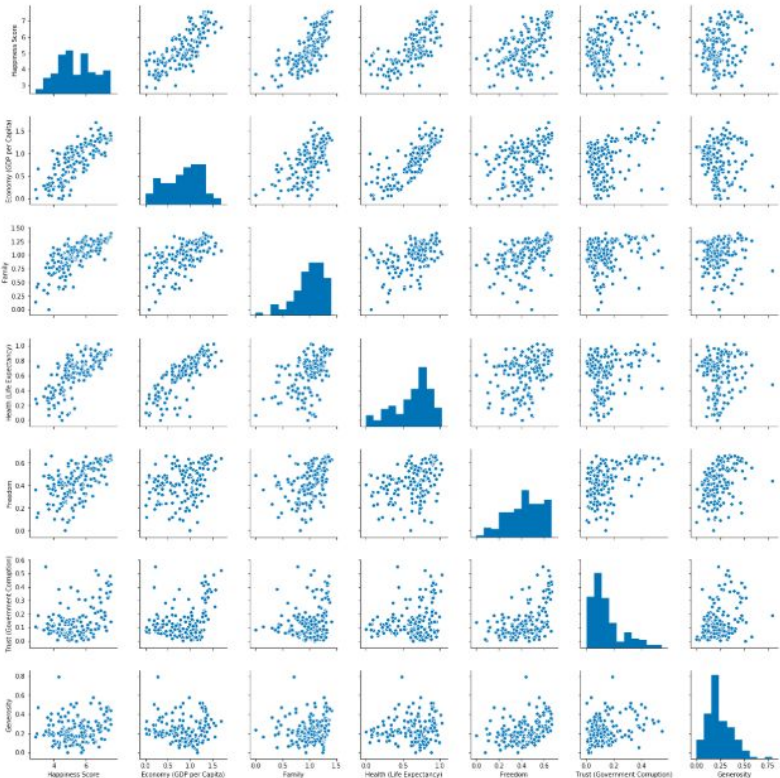
What affects Happiness Score?

Happiness Score Against Economy (GDP per Capita)
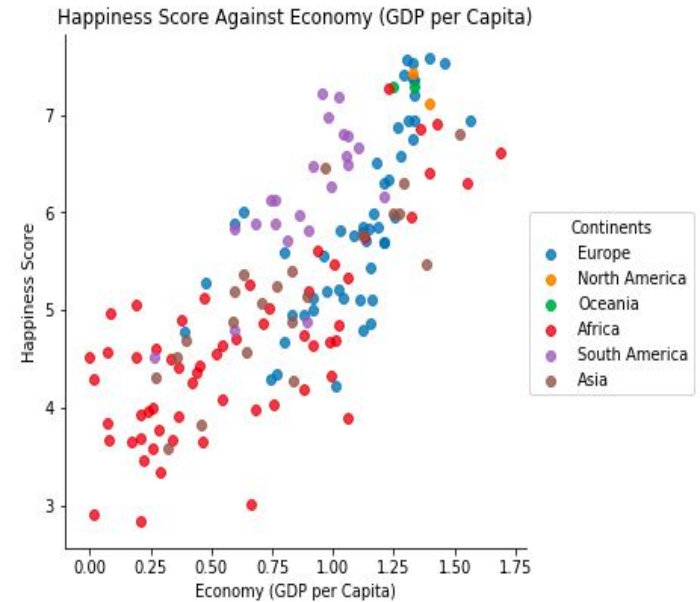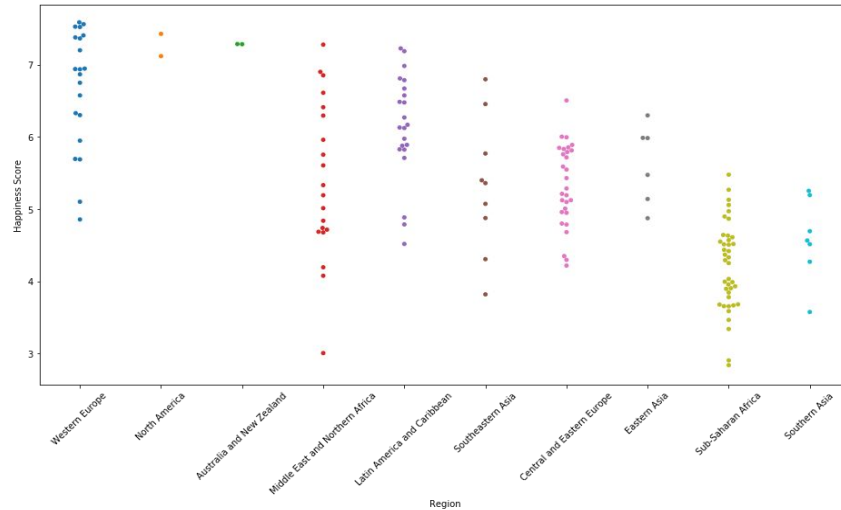
| Country	Happiness Score	Economy (GDP per Capita)	Family	Health (Life Expectancy)	Freedom	Trust (Government Corruption)	Generosity
Switzerland	7.587	1.39651	1.34951	0.94143	0.66557	0.41978	0.29678
Iceland	7.561	1.30232	1.40223	0.94784	0.62877	0.14145	0.43630
Denmark	7.527	1.32548	1.36058	0.87464	0.64938	0.48357	0.34139
Norway	7.522	1.45900	1.33095	0.88521	0.66973	0.36503	0.34699
Canada	7.427	1.32629	1.32261	0.90563	0.63297	0.32957	0.45811

What affects Happiness Score?

Relationship between Health, Economy, Region and Happiness Score
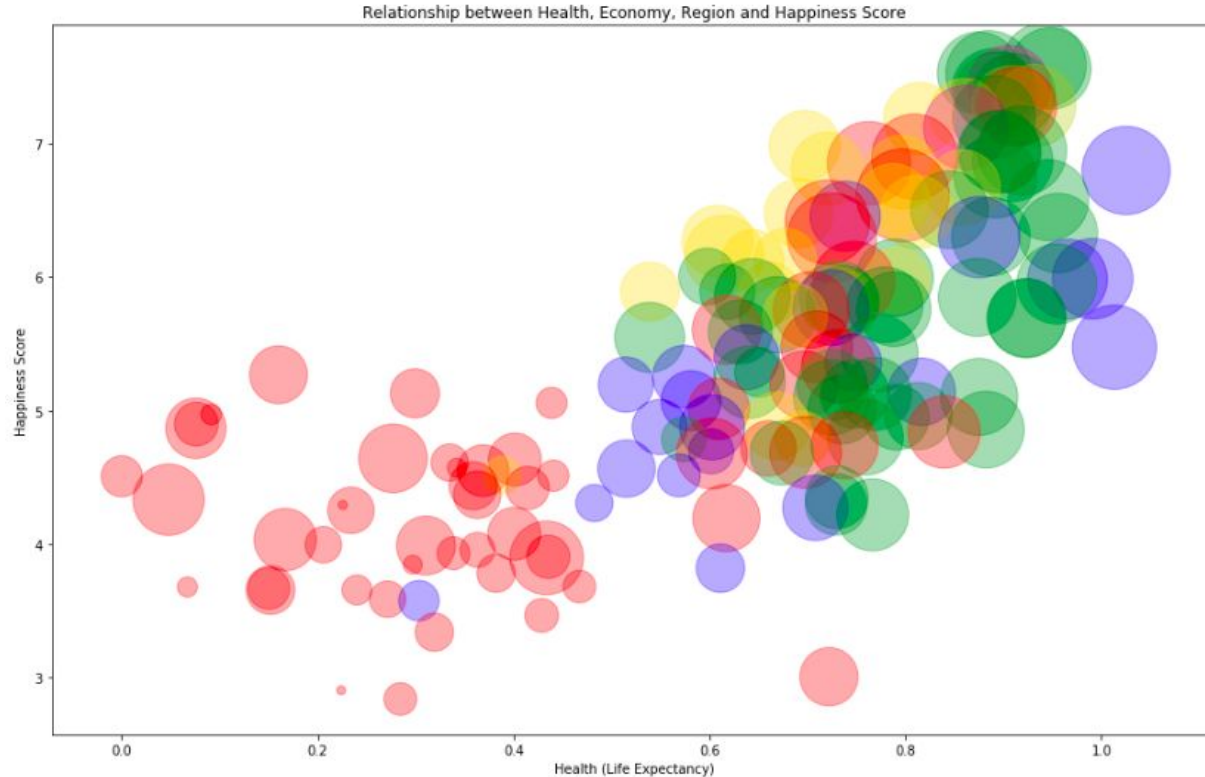
Linear Regression Model

1. Split 2015 Happiness Data into training and testing
2. Check assumptions
3. Compare full model and subsetted model
4. Examine testing errors
5. Use the best model to predict 2016 Happiness Data

Predicted Value VS Actual 2016