**Final Capstone – Ryan Baul**

I will be using the “[Suicide Rates Overview 1985 to 2016](https://www.kaggle.com/russellyates88/suicide-rates-overview-1985-to-2016)” dataset from Kaggle.com for my final capstone project.

There are 12 features and 27821 rows in the dataset. The features included are Country (String), Year (Number), Sex (String), Age (String), Suicides No (Number), Population (Number), Suicides/100k Pop (Number), Country-Year (String), HDI for year (Number), GDP for Year (Number), GDP per Capita (Number), and Generation (String).

The research question I am aiming to gain insights on are on what factors contribute most to suicide rates. The 2 hypothesis I would be testing in my analysis are:

* Does the GDP Per Capita influence the suicide rates in a given country?
* Is there a difference in suicide rates between people of a different sex?

I will be using Python to conduct two-sample t-tests to determine if the respective sample sizes have a significant difference in suicide rates. I will present my findings with PowerPoint and will be using the Python library seaborn to create visualizations for the various samples I will be using in my analysis.

The World Health Organization (WHO) will be able to use the insights derived from my analysis to target at-risk groups who are more likely to commit suicide and concentrate their efforts to provide aid and help to these groups.