Capstone Project 2 Idea Proposals
Jeffrey Ebert

1. New York City Property Sales

Every year in New York City there are thousands of various property transactions. As either a buyer or a seller it would be important to know the rates at which buildings are evaluated and how these prices are determined. This project would investigate a Kaggle dataset from September of 2016 to August 2017, that includes all of the property transactions throughout New York City in this timeframe along with accompanying features about the properties.

2. Australian Rainfall

Another possible project would be trying to predict whether or not it will rain in a certain part of Australia and how much rainfall will occur. Many regions in Australia experience a significant amount of rainfall throughout each season, and it would be valuable to know just a regular citizen when to expect rain in order to plan that beach day accordingly. Data would be taken from a Kaggle dataset, comprised of data values from 2007-2017 across various parts of Australia and including many meteorological properties related to rainfall.

3. PGA TOUR STATISTICS

The last project idea would be working on building models that predict the winner or highest performers in any PGA tournament. With many players competing in each tournament, it can be difficult to predict a winner just based on watching play. With so many competitors, golf is an extremely popular sport to bet on due to the high odds that can be paid out in the event of a longshot winner. Golf contains many statistics and can be broken down to find a players strengths and weaknesses and translate them to find success across different types of golf courses. Data here would be collected from a Kaggle dataset with every statistic recorded on the PGA Tour from 2010-2018.