**Capstone Project Ideas**

As I am new to data science, I would like to pick a project that can help me to understand and practice R programming along with doing some predictions.

1. ***Predicting outcomes of the football matches.***

**Description:**

In this project I can attempt to predict the outcomes of the games. The work itself is very interesting and motivating.

**Why is it useful for me?**

Here I can practice R programming, data wrangling and some concept of machine learning. I think this project will be a good start to the data science as key parts will be practiced.

1. ***Predicting Trends using Twitter Streaming.***

**Description:** Predict the score in the football match by analysing people thoughts on Twitter. By time, include more explanatory variables in order to improve prediction.

**Why is it useful for me?**

This project will help me to understand Text Mining in R. However the core learning aspect, will be on understanding how to integrate API in order to use information in social media and networks, rather than practicing some core R programming skills.

1. ***Develop a model to capture dynamics in US Stock Market volatility and US GDP.***

**Description:** The project aim is to find the series that captures the dynamics and explains changes in US GDP on US Stock market. Once the model is developed use for the prediction.

**Why is it useful for me?**

This project helps to develop some key methodologies in time series modelling as well as practicing the R programming. However, the data available is clean already, so Data Wrangling skills might not be practiced at desirable level.