Capstone\_1 project proposal

Title: Titanic: Machine Learning from disaster

* What is the problem you want to solve?

The Challenge

The sinking of the Titanic is one of the most infamous shipwrecks in history.

On April 15, 1912, during her maiden voyage, the widely considered “unsinkable” RMS Titanic sank after colliding with an iceberg. Unfortunately, there weren’t enough lifeboats for everyone onboard, resulting in the death of 1502 out of 2224 passengers and crew.

While there was some element of luck involved in surviving, it seems some groups of people were more likely to survive than others.

In this challenge, we ask you to build a predictive model that answers the question: “what sorts of people were more likely to survive?” using passenger data (ie name, age, gender, socio-economic class, etc).

* What data are you using? How will you acquire the data?

I’m Using data set obtained from [www.kaggle.com](http://www.kaggle.com)([**https://www.kaggle.com/c/titanic/overview**](https://www.kaggle.com/c/titanic/overview))

* Briefly outline how you’ll solve this problem. Your approach may change later, but this is a good first step to get you thinking about a method and solution.

I am using Logistic regression to find outcome of the model.

* What are your deliverables?

I’m Using Python programming language with modules such as Pandas, Matplotlib, seaborn, DateTime, etc