**Capstone Project 1: Heart Disease Prediction**

* What is the problem you want to solve?

To evaluate the parameters that is most influential in determining the heart disease and also create a model that predicts if the patient have heart disease or not

* Who is your client and why do they care about this problem? In other words, what will your client do or decide based on your analysis that they wouldn’t have done otherwise?

Based upon the patient recordings client can determine on whether further investigation is required on diagnosing the heart of the patient .Client would have to analyse manually all the metrics which would be lot of time consuming. So heart disease prediction model would help to focus analysis on patients that are more viable to the disease

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

Primarily I am using the dataset available in Kaggle

<https://www.kaggle.com/ronitf/heart-disease-uci>

* 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.

My approach would be to EDA to determine the weightage of the parameters on prediction. I will approach the problem logistic regression algorithm as it is most commonly used algorithm to solve classification problems

* What are your deliverables? Typically, this includes code, a paper, or a slide deck.

My deliverables would be code and project documentation.