* What is the problem you want to solve?

Capstone Idea 1 - Credit Card Fraud detection:

Detecting Credit Card fraudulent transactions which were not authorized by the Credit Card holders. Such transactions can be detected through Machine Learning.

* 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?

Primary audience are Credit Card companies. Timely detection of fraudulent transactions will help the bank to temporarily disable the card so that no further purchase can be made until the Customer authenticity is established.

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

Will use available dataset from Kaggle.

<https://www.kaggle.com/mlg-ulb/creditcardfraud>

* Briefly outline how you'll solve this problem.

Will apply the Machine Learning models on the Transactional dataset to derive a pattern which could indicate potential fraud.

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

Deliverables will include – i) Code (via GitHub) ii) Document