

## Project Proposal

### Question/need:

- What is the framing question of your analysis, or the purpose of the model/system you plan to build?

**Crowdfunding agency wants to know what projects they should take on using the model to predict whether the project will be successful.**

- Who benefits from exploring this question or building this model/system?

**Commission based consultants would benefit from this model because they want to take on the Kickstarter projects that will succeed.**

### Data Description:

- What dataset(s) do you plan to use, and how will you obtain the data?

**I plan on using Kickstarter dataset that is open source and downloadable.**

- What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

**An individual sample of analysis is a Kickstarter project. I expect to work with features like amount of time the project is open for, amount of money pledged, and category of projects.**

- If modeling, what will you predict as your target?

**I will predict the state of the project (whether it succeeded or failed).**

### Tools:

- How do you intend to meet the tools requirement of the project?

**I am using SQL to store my data and python packages for classification models.**

- Are you planning in advance to need or use additional tools beyond those required?

**Yes, I plan on exploring Bokeh/Plotly and using Tableau for visualizations.**

### MVP Goal:

- What would a [minimum viable product \(MVP\)](#) look like for this project?

**A MVP for this project should include a baseline model (probably KNN) and an error metric(either accuracy or log loss).**