BLUEPRINT

Project Topic: Crowdfunding – Predicting Kickstarter Project Success

Introduction

Using more than 200K project proposals scraped from Kickstarter, we predict whether a Kickstarter project proposal will succeed or fail in achieving its fundraising goal using information from project launch. We will evaluate different machine learning models for better accuracy and prediction Finally, we will deploy it.

Dataset

We will be using WebRobots.io for our dataset. It has a scraper robot which crawls all Kickstarter Projects and collects data in CSV formats.

LINK: [Kickstarter Dataset](#)

Further Steps

- After scrapping and **gathering** the data,
- We will be using different **EDA** techniques to visualise the data and gather information from dataset.
- Further, we will be using different **pre-processing** techniques to clean and transform the data.
- Then we use the data to **train** the different models using different algorithms for classification.
- **Evaluation phase** where we check different metrics and confusion matrix
- We will be **tuning parameters** for further increasing the accuracy, F1 Score and handling if model is overfitting.
- Then, we will be **predicting** using the best model for further insight gathering.
- Then we will be using the best model for **deploying** the model on a cloud platform like *Heroku* using *Flask*.

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