

## Data Science Career Track

### Capstone: Project Proposal Rubric

**SMART Problem**-> Predict whether a startup is gonna be acquired or unsuccessful based on distinct variables involving Rounds, Location, Age, Industry etc.

1- **Context:** The root for working in this problem is to be able to see which factors are the most important for defining success in a startup in the USA.

2- **Criteria for Success:** This work will be successful if the model created can determine whether a startup is gonna be acquired or its gonna fail, based on several variables, also to be able to distinguish which are the most important variables for a startup to be successful .

3- **Scope of Solution Space:** The focus will be startup prediction in the USA, specifically in the states of CA, NY, MA, TX. Also there will be focus on the most important variables for a startup to be successful

4- **Constraints within solution space:** Some constraints involve having startups from many different industries as well as intensive data cleaning to be able to fit the model.

5- **Stakeholders to provide key insight:** DJ (mentor) is going to be providing weekly feedback while I work through the project.

6- **Key data sources:** The dataset being used has been downloaded from Kaggle, (it has 923 rows and 49 columns) involving different characteristics of a startup like the industry, if it has investment rounds, location, etc.