I Spy AI

Can you predict if a start-up will succeed or fail?

Introduction

Do you know that the government has put forth as many as ten beneficial policies for entrepreneurs under the' MAKE IN INDIA' campaign? However, the failure rate of start-ups remains very high!

More than 50% of start-up companies fail in the initial four years. Further, three out of every four venture-backed firms fail. Ever wondered what factors led to the failure of one business while others flourished. Can we identify the root causes and function accordingly to get the most favorable outcomes?

Did you ever imagine that a Machine Learning model can help us predict the success or failure rate of a start-up and answer the above questions?

Prize Money

1st Prize: 5,000
2nd Prize: 4,000
3rd Prize: 3,000

Problem Statement

Round 1
Participants have to design a machine learning model for predicting the success or failure of a start-up using the most appropriate algorithm on Kaggle. The dataset contains all the required features. Here 'Success' implies Acquisition or Merger, and 'Failure' means the firm had to be Shutdown.

Round 2
A different and complex dataset will be given to verify if the model is over-fitting. Participants may have to create a new model, or they can use their previous model for this new dataset and report their model's performance against the decided parameter.

Round 3
All the qualified teams have to present a detailed analysis of their code and will also have to present an Exploratory Data Analysis (EDA). Participants will have to prepare a conclusion file in which they'll state the inference from the data.

Constraints

Programming language: Python

General Rules

- Kaggle platform to be used for code writing and submission
- No late submissions will be accepted.
- Submissions are to be made only in the given format.
- The idea presented should be original and not copied from any other sources.
- A team member can't be a part of more than one team.
- Bring your college/student I-Card.
- Any of the above-mentioned rules, if found violated, teams would not be allowed to participate in the competition.
- Decision taken by judges will be final and binding for all.
- If less than 5 teams will be registered, then only first prize will be given and if less than 10 teams will register, only two prizes will be given.
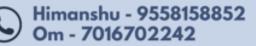
Team Specifications

- Team should be of 1-3 member/s.
- Members of a team may be from the same college/school or different (K12/UG/PG).
- Any number of teams can participate from one college/school.
- Professionals are not allowed. Only students can participate.
- Participants are required to bring their school/college ID cards.
- Once registered, the same team cannot register with another name.
- Every team must have a unique name that should not be offensive conflicting or inappropriate.
- Organizers have the right to reject entries for any inappropriate team name.
- Organizers must be notified if a team's name has been changed.
- Team Representative: Each team must specify their Team Representative (Leader) at the time of registration on the website. All important communications between the organizer and the registered teams will be done through their Team Representative. The Team representatives must submit valid contact details (phone no., email id, etc.) at the time of registration.
- If teams don't show up on allotted slot, they will be disqualified.

Event Timeline

Round 1	Commencement	6th April 2022
	Deadline	8th April 2022
	Releasing the list of shortlisted candidates	9th April 2022
Round 2	Commencement	10th April 2022
	Deadline	11th April 2022
	Releasing the list of shortlisted teams for final round	12th April 2022
Round 3	On-site event	14th April 2022

Registration Details
The registration window will open soon!