Kaggle Knight

1. Introduction

What happens when you hear the words "Data Science" and "Machine Learning"? Isn't it futuristic tech that comes to your mind?. Indeed, they will have a huge role in our lives in upcoming times. We present to you a platform to test your enthusiasm. Data-science and Machine Learning enthusiasts prime yourselves for a Kaggle competition. It is a 36 hour long thrilling hackathon where you will be asked to solve tasks of varying complexities designed by experts and the participants coming up with the most innovative and efficient solutions will be rewarded.

2. Problem Statement

- Companies these days have the opportunity to develop sophisticated predictive models to boost their sales and make better marketing plans. Thanks to the increasing amount of data being created by people online, companies have an almost bottomless pool of critical information. But not all of it is relevant. It takes a lot of effort to sift through all that data, figure out what's relevant and what's not, and then put all the relevant data to work and create a marketing plan. But Machine Learning can make this process a lot easier.
- Design a Machine Learning model to predict if a client will subscribe to a term deposit or not.
- We will provide a marketing campaign data set to the participants: it will be in categorical and numerical formats. The participants will select various parameters from that data set based on the relevance and train their ML models to predict whether a certain customer will subscribe to a term deposit or not.

3. Event Structure

- Platform: **Kaggle**
- Notebooks as well as CSV files have to be submitted.
- Team Size: 1-4 people
- Duration: 36 hours
- Judging criteria: According to the accuracy on the Kaggle leaderboard.
- Theme: India in 2030-40-50.
- We will have a single problem statement.
- The top 3 teams will have to make presentation in front of panel and based on their scores, ranks will be given.
- Each team will be given Certificate of Participation.

All decisions taken by the organizing team will be deemed as final, and no more changes will be encouraged, thus holding the full authority to change any of the above rules as per circumstances.

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