

## Proposal Guidelines

- One team can submit only one idea.
- Guidelines should be strictly followed.
- Ideas should be submitted in the given format and all fields are required to be filled.
- Proposed idea should be innovative and should involve machine learning.
- Incomplete proposals will be rejected.

### Machine Learning Domain:

Machine Learning domain can be Supervised Learning, Unsupervised Learning or Reinforcement Learning.

#### How is the Machine Learning domain mentioned above used to achieve the proposed solution?

You are required to clearly explain how the domain you selected can be used to achieve the proposed solution.

#### If Supervised Learning or Unsupervised Learning is used, Explain how data is collected and how the model is validated.

If Supervised Learning such as Neural network, Binary Classifier, Deep neural, etc or Unsupervised Learning such as Self-organizing maps(SOM), K-means, etc are used, You should explain how Data is being collected and how the Model is validated.

#### If Reinforcement Learning is used, Explain the Reward model.

If Reinforcement Learning such as Q-learning, Monte Carlo Tree Search, Actor-Critic, etc are used, You should explain the reward model.

### Machine Learning platforms used:

You are allowed to use any kind of Machine Learning Platform available, which you think is best suited for your project. Examples: Alteryx, RapidMiner, MathWorks, Anaconda, AWS, Microsoft Azure, etc and you should briefly explain how the platform and the services offered are used in building the product.

### Team Formation Guidelines

Teams must exactly consist of four students of the same university.