



# MACHINE LEARNING 1

## Assignment 1

# *MACHINE LEARNING 1: Assignment 1*

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## 1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

## 2. Problem Statement

1. What are the three stages to build the hypotheses or model in machine learning?
2. What is the standard approach to supervised learning?
3. What is Training set and Test set?
4. What is the general principle of an ensemble method and what is bagging and boosting in ensemble method?
5. How can you avoid overfitting ?

## 3. Output

This assignment consists of 200 marks and has to be submitted in .ipynb/PDF format in the upcoming session for evaluation.