



**Ahmedabad  
University**

**CSE523 - Machine Learning**

**Section: 1**

## **Heart Disease Prediction - Report**

**Submitted to Prof. Mehul Raval**

**Group name: Bias\_Variance\_Dilemma**

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### ❖ Things we have done:

- Prepared the Mid-semester report
- Prepared Mid-semester presentation
- We worked on feedback provided by faculty at the time of presentation and tried to select another dataset for our problem.
- We have done the analysis of our new dataset which consist of 12 attributes and 70000 rows.
- We also used the classifiers which we performed previously on our new dataset.

### ❖ Things to be done:

- We will try other classifier(SVM, Decision tree, Random forest, etc.) for our dataset and select the model with high accuracy.
- In the end, we will try to deploy our model on the front-end website where the user can enter their values for the 13 parameters, and the model will detect the disease and show relevant results. This will ensure our model is widely used.