

Assignment Name - Machine Learning Basics

Problem Statement -

Answer the following questions to the best of your knowledge including the concepts taught to you in the level.

1. If the linear regression coefficient of a predictor is 0.54 then what does it mean?
 2. How would you deal a data with Target class imbalance problem?
 3. You have built a classification model with 90% accuracy but your client is not happy because False Positive rate was very high then what will you do?
 4. Does multicollinearity effects in Naïve Bayes? If yes/no then why?
 5. If we do not define number of trees to be built in random forest then how many trees random forest internally creates?
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Evaluation Basis

This project will be evaluated on following basis -

- 1) **Comprehensibility of the answer** : You have to answer the given question with full explanation, background information and examples(if required).
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Deliverables from Candidate

- 1) A Doc or Pdf file containing your answers
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Warning - Do not submit incomplete or wrong assignments. They will result in

negative skill score. Also, you will not a get a second attempt at the assignment!
So whatever score you get will be the final score