

Assignment (Decision Tree)

1. What is the main objective of decision tree algorithm?
2. What is homogeneity and how do you measure it?
3. What are the various split criteria in what case will you use which?
4. What is the advantage of Decision tree over linear/logistic regression?
5. Explain an example where decision tree will fail to perform
6. What is over fitting?
7. Can a regression model overfit, if yes then how?
8. What is the best use case for decision tree?
9. Why is decision tree called a greedy technique?
10. What is pruning?
11. What's the functioning difference between Decision Tree Regressor and Decision Tree Classifier?