

Assignment Questions:

1. Why naïve Bayes is so naïve?
2. Write R code to save decision tree rules?
3. Why KNN is lazy algorithm?
4. How can we use Naive Bayes classifier for categorical features? What if some features are numerical?
5. Define error metric for the below problem statement
“Build classification model to predict churn”
6. You’ve built a random forest model with 10000 trees. You got delighted after getting training error as 0.00. But, the validation error is 34.23. What is going on?
7. How RF handles overfitting?
8. How do you filter out statistically significant rules?
9. Running a binary classification tree algorithm is the easy part. Do you know how does a tree splitting takes place i.e. how does the tree decide which variable to split at the root node and succeeding nodes?
10. How do we select K value?