

Name:

NetID:

1.) Why is it important to separate our dataset into training and testing data?

Otherwise the model "knows the answers" ahead of time and we can't really evaluate its performance on unseen data aka the real world / deployment

2.) Why is the Naive Bayes classifier called "Naive"? What is the big assumption we make while using it?

It's called Naive because it assumes all features are conditionally independent! Not common in the real world.

