Q.

Compare the results between the two Bayesian classifiers. Which Bayesian classifier performs better? Why?

KNN is a discriminative classifier and Naïve Bayes is a generative one.

Incase of KNN algorithm, outliers can significantly kill the performance, as the algorithm predicts incorrect classes being deluded by the outliers’ presence.

The Naïve Bayes Classifier worked better in my case after noticing the f1\_scores of both the classifiers. (It could be different in terms of result as the training dataset after shuffling the rows, could come out as different for an individual).