I use logistic regression and SVM as my two models. The logistic regression model has a training data score of 0.8507 and a testing data score of 0.8432. The SVM model has a training data score of 0.8455 and a testing data score of 0.8415. Logistic regression model has a best grid score of 0.8129 and SVM model has a best grid score of 0.8823. Both model has similar prediction scores. Logistic regression model has a slightly better prediction based on the data scores. It’s good to predict new exoplanets with both models since their prediction scores are around 0.85 which are good enough. In order to make the model better, we can add more specific C to the logistic regression model in order to get better grid score and use the best parameters to prediction new exoplanets. For the same reason, we can add more specific C and gamma value for the SVM model and get better grid score and use the parameters to get prediction score as well.