Notes from model:

1. Grid Seach CV within K fold cross validation to find the optimal hyperparameter setting for the best model
2. K-fold cross validation takes your data and splits it into k subsets, iterates through subsets k times, on each loop fits a model on (k-1) subsets, tests it on remaining subsets, and generates performance metrics for each loop
3. Joblib package to pickle and save out best model. Then read in to compare with other models.
4. Again, Grid Search CV to facilitate all Cross Validation
5. Test model for various hyperparameters (‘c’), 0.001, 0.01, 0.1, 1, 10, 100, 1000
   1. And 5 cross folds
6. C low means high regularization
7. We print out accuracy and standard deviation using the function
8. Once again accuracy is stagnant because of prediction error