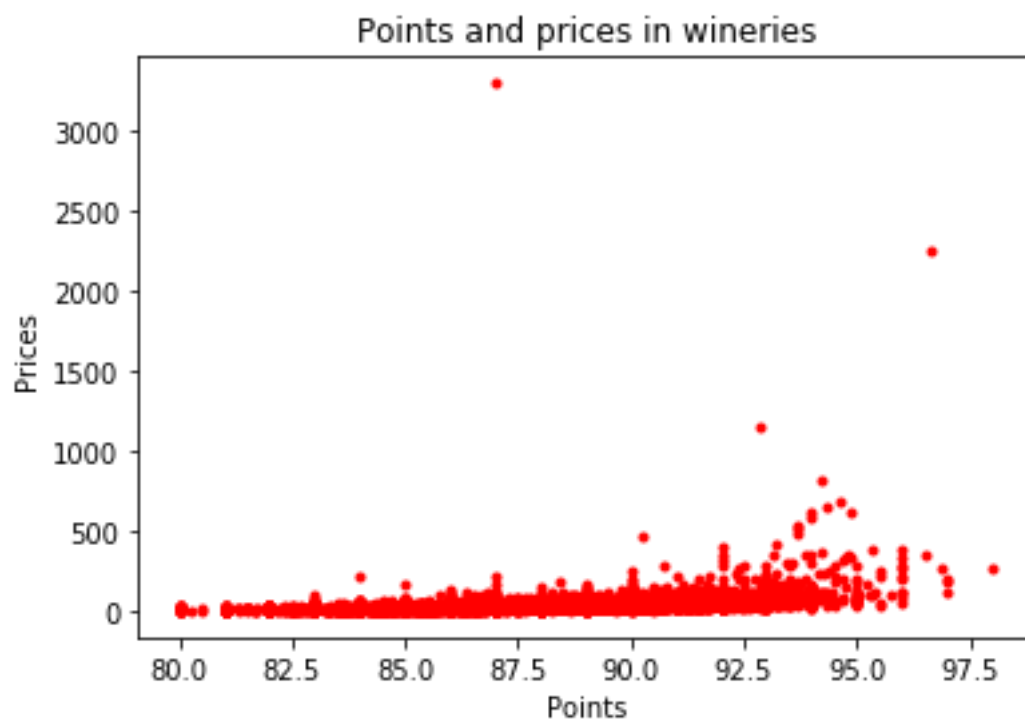


The Wine Land

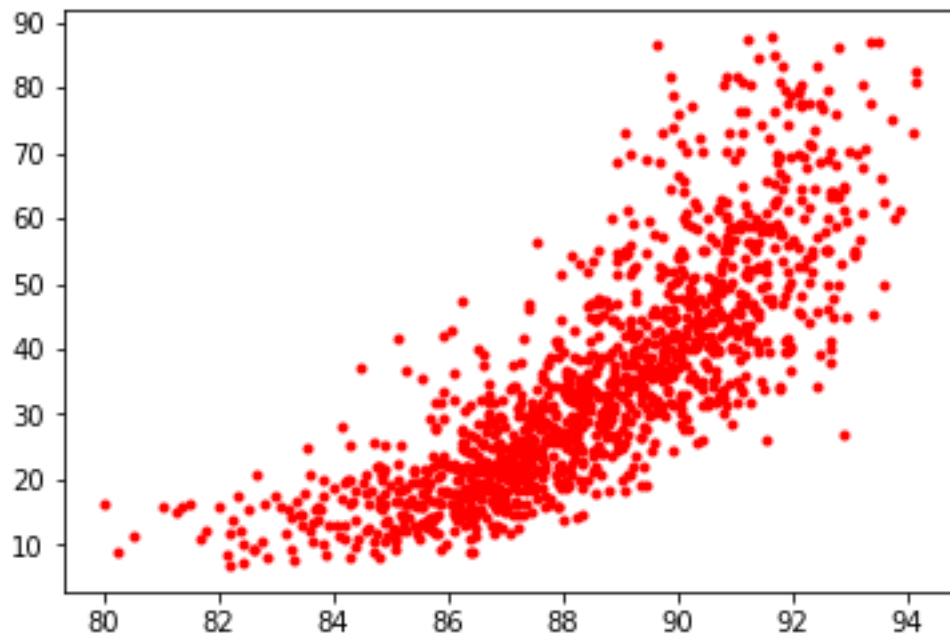
Machine learning model for predicting the wine variety

Data Visualization

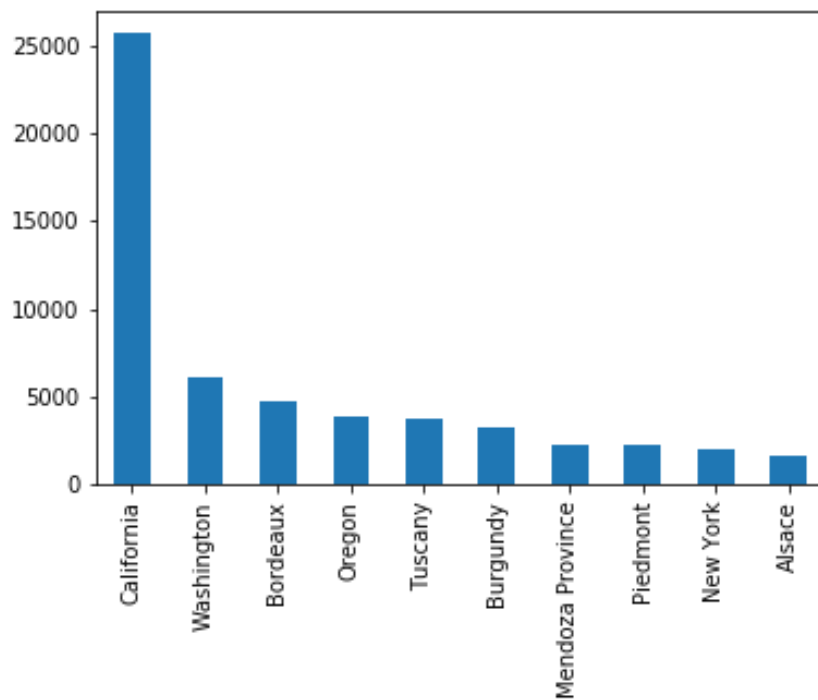
Graph between points and prices



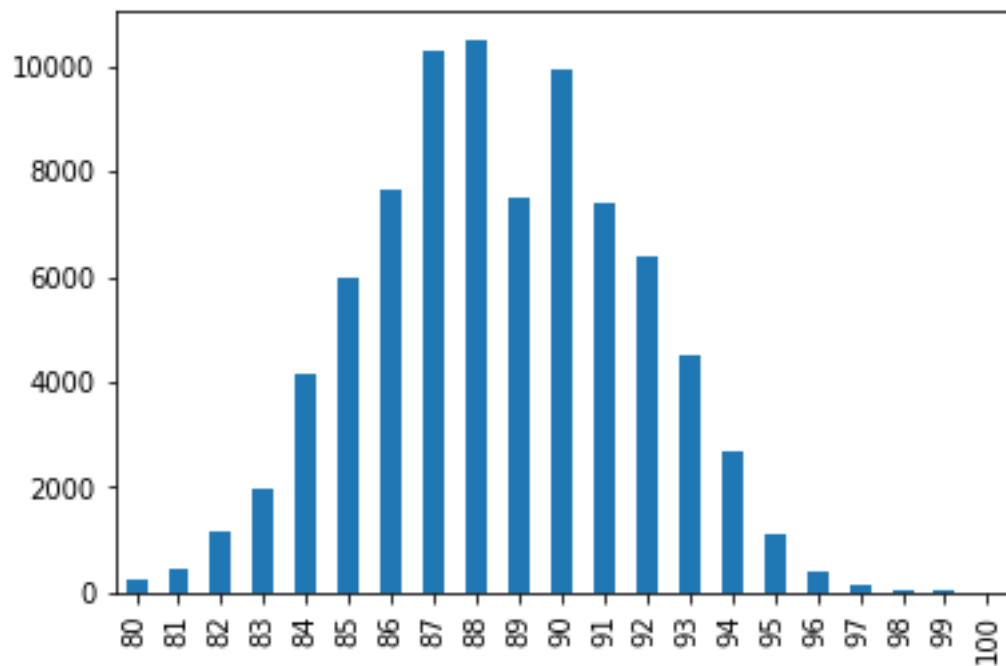
Relation between Points and Prices



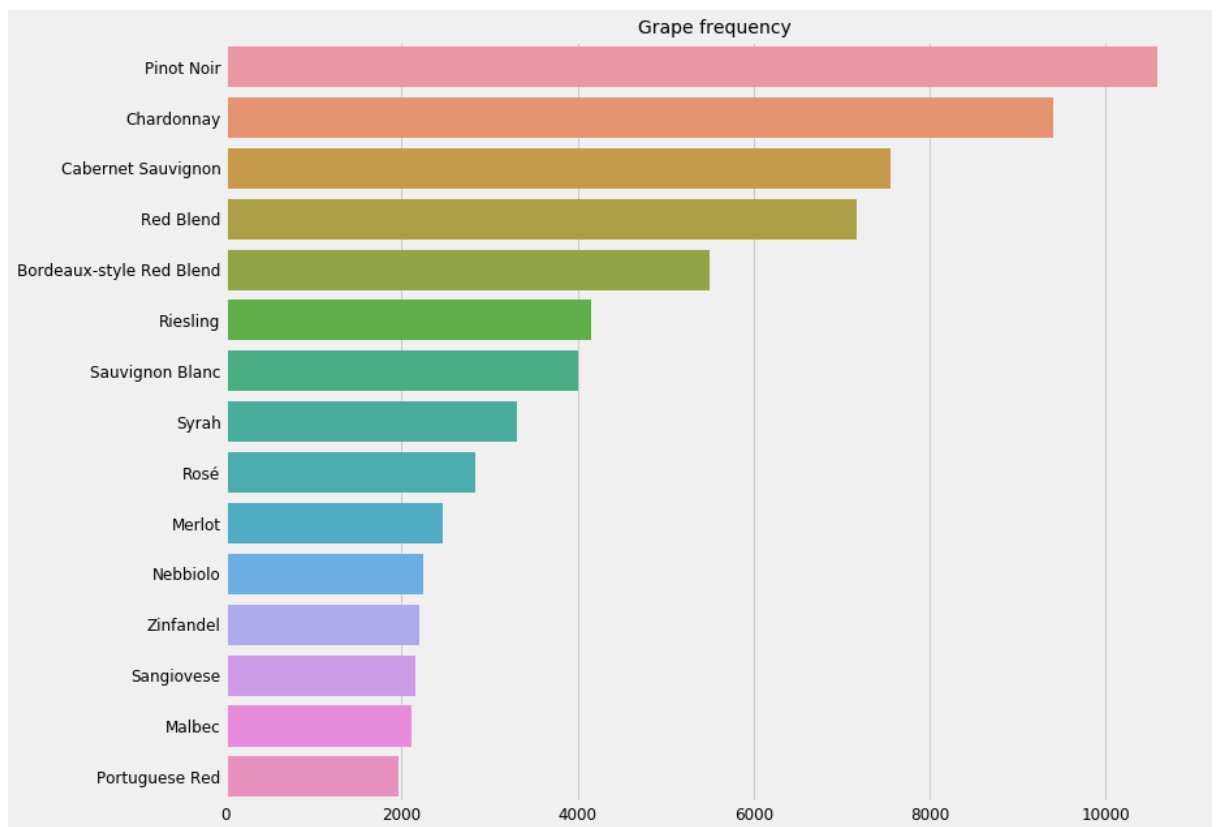
Bar Plot of Countries



Variation of Points



Grape Frequency

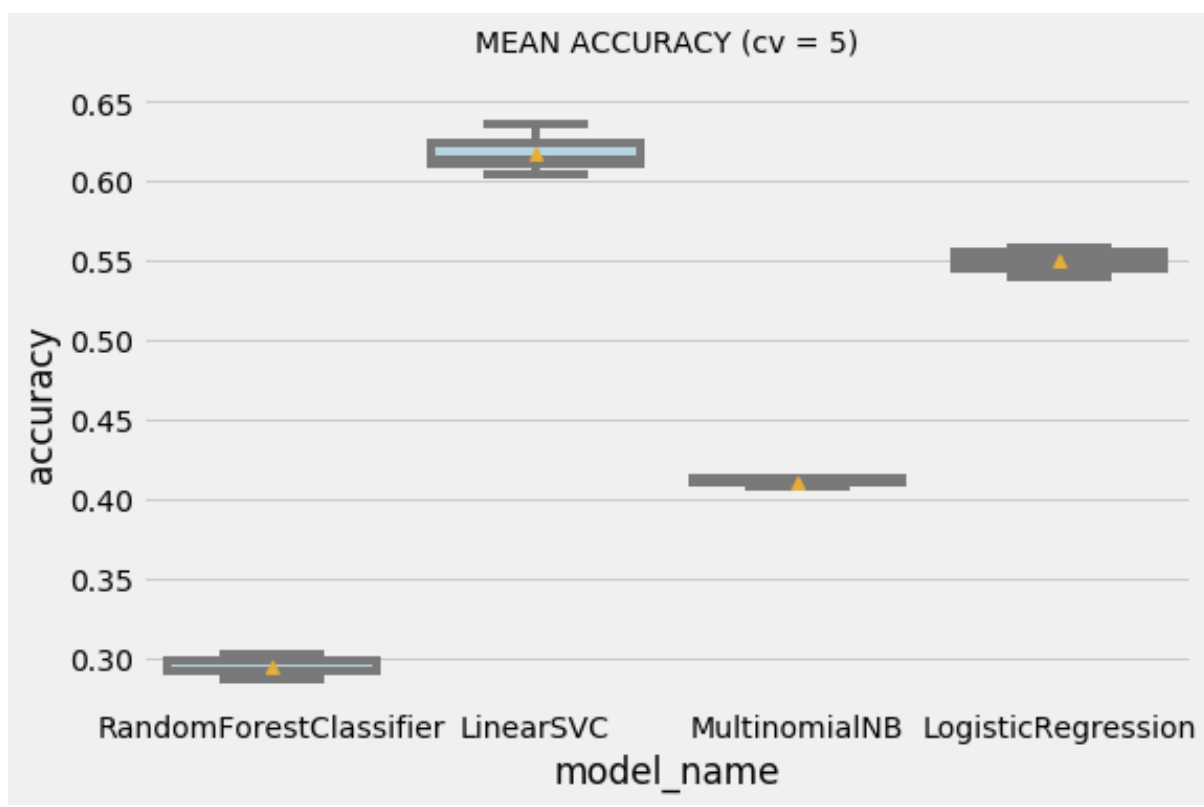


Accuracy of different models

Out[67]:

	Mean Accuracy	Standard deviation
model_name		
LinearSVC	0.617258	0.012762
LogisticRegression	0.549378	0.007805
MultinomialNB	0.410607	0.002161
RandomForestClassifier	0.294084	0.006330

Comparision



Using LinearSVC model to train the data

Confusion Matrix



Prediction

After training the model we can predict the wine variety from review description ,the review description is taken from the test.csv