Model Summary

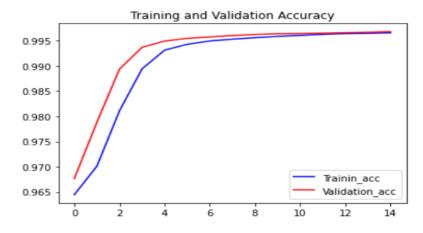
Model Used

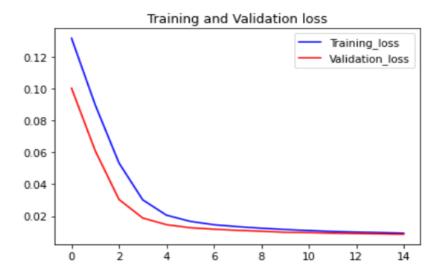
Natural language Processing (NLP) and Deep Learning Model, Long Short Memory (LSTM) is used to build the model. Following task is performed to build model:

- Cleaning of review_description and review_title(Removed Special characters, stopwords)
- Performed WordEmbedding using gensim word2vec library
- Performed Classifiction using LSTM

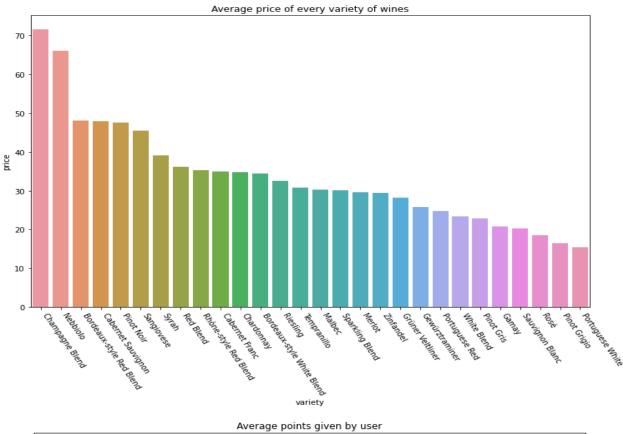
Train Accuracy

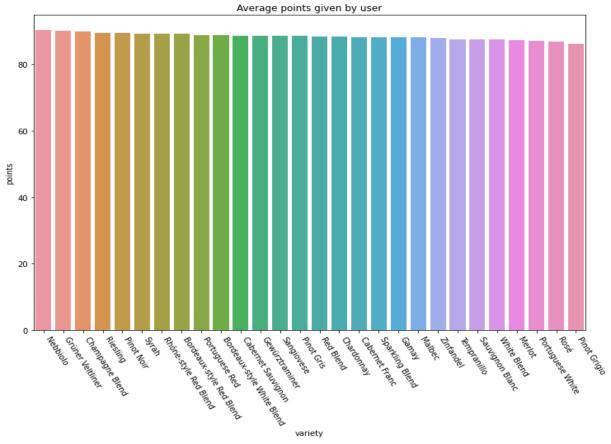
Get 99.6% accuracy on the train data and 95.8% accuracy on splitted test data.

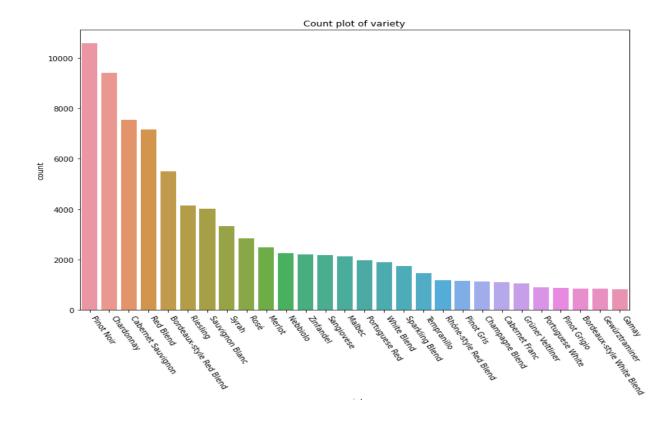




Exploratory Data analysis







Pie Chart for variety

