Pandas (‘API reference — pandas 1.0.3 documentation’ 2020)

Numpy (‘Overview — NumPy v1.18 Manual’ 2020)

Count (‘sklearn.feature\_extraction.text.CountVectorizer — scikit-learn 0.22.2 documentation’ 2020)

LDA (‘sklearn.decomposition.LatentDirichletAllocation — scikit-learn 0.22.2 documentation’ 2020)

(Hoffman and Blei n.d.)  
Grid (‘sklearn.model\_selection.GridSearchCV — scikit-learn 0.22.2 documentation’ 2020)

Multinominal (‘sklearn.naive\_bayes.MultinomialNB — scikit-learn 0.22.2 documentation’ 2020)

(‘Naive Bayes text classification’ 2020)

Traintest (‘sklearn.model\_selection.train\_test\_split — scikit-learn 0.22.2 documentation’ 2020)

Metrics (‘Metrics and scoring: quantifying the quality of predictions — scikit-learn 0.22.2 documentation’ 2020)

NMF (‘sklearn.decomposition.NMF — scikit-learn 0.22.2 documentation’ 2020)

Logiv (‘sklearn.linear\_model.LogisticRegression — scikit-learn 0.22.2 documentation’ 2020)

SVC (‘Support Vector Machines — scikit-learn 0.22.2 documentation’ 2020)

Rand (‘sklearn.ensemble.RandomForestClassifier — scikit-learn 0.22.2 documentation’ 2020)

Stemming (‘Stemming and Lemmatization in Python’ 2018)

(‘Natural Language Toolkit — NLTK 3.5 documentation’ 2020)

API Reference — Pandas 1.0.3 Documentation [online] (2020) available: https://pandas.pydata.org/docs/reference/index.html [accessed 14 Apr 2020].

Hoffman, M.D., Blei, D.M. (n.d.) ‘Online Learning for Latent Dirichlet Allocation’, 9.

Metrics and Scoring: Quantifying the Quality of Predictions — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/model\_evaluation.html [accessed 14 Apr 2020].

Naive Bayes Text Classification [online] (2020) available: https://nlp.stanford.edu/IR-book/html/htmledition/naive-bayes-text-classification-1.html [accessed 15 Apr 2020].

Natural Language Toolkit — NLTK 3.5 Documentation [online] (2020) available: https://www.nltk.org/ [accessed 15 Apr 2020].

Overview — NumPy v1.18 Manual [online] (2020) available: https://numpy.org/doc/1.18/ [accessed 14 Apr 2020].

Sklearn.Decomposition.LatentDirichletAllocation — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.decomposition.LatentDirichletAllocation.html [accessed 14 Apr 2020].

Sklearn.Decomposition.NMF — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.decomposition.NMF.html [accessed 14 Apr 2020].

Sklearn.Ensemble.RandomForestClassifier — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.ensemble.RandomForestClassifier.html [accessed 15 Apr 2020].

Sklearn.Feature\_extraction.Text.CountVectorizer — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.feature\_extraction.text.CountVectorizer.html [accessed 14 Apr 2020].

Sklearn.Linear\_model.LogisticRegression — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.linear\_model.LogisticRegression.html [accessed 15 Apr 2020].

Sklearn.Model\_selection.GridSearchCV — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.model\_selection.GridSearchCV.html [accessed 14 Apr 2020].

Sklearn.Model\_selection.Train\_test\_split — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.model\_selection.train\_test\_split.html [accessed 14 Apr 2020].

Sklearn.Naive\_bayes.MultinomialNB — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/generated/sklearn.naive\_bayes.MultinomialNB.html [accessed 14 Apr 2020].

Stemming and Lemmatization in Python [online] (2018) *DataCamp Community*, available: https://www.datacamp.com/community/tutorials/stemming-lemmatization-python [accessed 15 Apr 2020].

Support Vector Machines — Scikit-Learn 0.22.2 Documentation [online] (2020) available: https://scikit-learn.org/stable/modules/svm.html [accessed 15 Apr 2020].