**Table 1.** Basic Models and the Ensemble Models.

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|  | **Algorithm** | **Implementation** |
| Basic  Machine  Learning | Decision Tree  Support Vector Machine  Logistic Regression  Naive Bayes  Discriminant Analysis  Neural Network | sklearn.tree.DecisionTreeClassifier()  sklearn.svm.SVC()  sklearn.linear\_model.LogisticRegression()  sklearn.naive\_bayes.GaussianNB()  sklearn.discriminant\_analysis.LinearDiscriminantAnalysis()  sklearn.neural\_network.MLPClassifier() |
| Ensemble  Learning | Bagging - Random Forest  Boosting - Gradient Boosting  Stacking | sklearn.ensemble.RandomForestClassifier()  sklearn.ensemble.GradientBoostingClassifier()  a combination of sklearn package and MLxtend package |