**Best Training Results for each model**

Bert:

Simple random forest: 1

Simple bagging random forest: 1

Simple Extra trees: 1

Simple adaboost: 1

Simple xgboost: .98

XGboost Hyperp opt: .93

Simple Catboost: .97

LSA:  
Simple random forest: 1

Simple bagging extra trees: 1

Simple bagging random forest: 1

Simple adaboost: 1

Simple xgboost: .98

XGboost Hyperp opt: .94

Simple Catboost: .96

LDA:

Simple random forest: 1

Simple bagging extra trees: 1

Simple bagging random forest: .98

Simple Extra trees: 1

Simple adaboost: 1

Simple xgboost: .9

XGboost Hyperp opt: .84