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1 "C:\Users\Soumik Dey\Anaconda3\python.exe" "C:/Users/
  Soumik Dey/PycharmProjects/amlproject/all_data_fitting.py"
2 C:\Users\Soumik Dey\Anaconda3\lib\site-packages\gensim\
  utils.py:855: UserWarning: detected Windows; aliasing
  chunkize to chunkize_serial
3   warnings.warn("detected Windows; aliasing chunkize to
  chunkize_serial")
4
5   Baseline:
6   Test Accuracy:  0.523415977961
7               precision    recall  f1-score   support
8 C:\Users\Soumik Dey\Anaconda3\lib\site-packages\sklearn\
  metrics\classification.py:1074: UndefinedMetricWarning:
  Precision and F-score are ill-defined and being set to 0.0
  in labels with no predicted samples.
9
10  'precision', 'predicted', average, warn_for)
11              0          0.00          0.00          0.00         173
12              1          0.52          1.00          0.69         190
13
14  avg / total          0.27          0.52          0.36         363
15
16
17  Features:  Synset
18  GaussianNB
19  Test Accuracy:  0.619834710744
20              precision    recall  f1-score
21  support
22              0          0.57          0.80          0.67
23  173
24              1          0.72          0.45          0.55
25  190
26
27  avg / total          0.65          0.62          0.61
28  363
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39
40
41
42
43
44
45 LogisticRegression
46     Best hyperparameters: {'clf__C': 10.0}
47     Validation Accuracy: 0.745482388974
48     Test Accuracy: 0.719008264463
49
49         precision    recall  f1-score
support
50
51             0         0.73         0.66         0.69
173
52             1         0.71         0.77         0.74
190
53
54         avg / total         0.72         0.72         0.72
363
55
56 SVC
57     Test Accuracy: 0.707988980716

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58             precision    recall  f1-score
   support
59
60             0          0.72          0.63          0.67
   173
61             1          0.70          0.78          0.74
   190
62
63     avg / total          0.71          0.71          0.71
   363
64
65
66     Features:  All_f
67     GaussianNB
68     Test Accuracy:  0.683195592287
69             precision    recall  f1-score
   support
70
71             0          0.64          0.76          0.69
   173
72             1          0.74          0.62          0.67
   190
73
74     avg / total          0.69          0.68          0.68
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