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1 C:\2018\neural_network_text_classifier\venv\Scripts\python
  .exe C:/2018/neural_network_text_classifier/
  nn_keywords_analyzer.py
2 Plain neural network created!
3 2019-01-03 21:01:41.637883: I tensorflow/core/platform/
  cpu_feature_guard.cc:141] Your CPU supports instructions
  that this TensorFlow binary was not compiled to use: AVX2
4 Cost after epoch 0: 0.165504
5 Cost after epoch 100: 0.045551
6 Train Accuracy: 0.9847283
7 X shape (19839, 800, 1, 1)
8 Y shape (19839, 2)
9 Average correct predictions for contributions whose policy
  marker is 1 or 2:
10 Test Accuracy: 0.57847533632287
11 Proabilities: [[2.5695432e-10 1.0000000e+00]
12 [9.9996078e-01 3.9209841e-05]
13 [1.0895708e-05 9.9998915e-01]
14 ...
15 [9.8085290e-01 1.9147120e-02]
16 [2.1370987e-11 1.0000000e+00]
17 [2.2041080e-12 1.0000000e+00]]
18 Predicted class: [1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1
  1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 0
19 0 0 0 0 0 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1
  0 1 1 1 1 0 0 1
20 1 1 1 0 0 1 1 0 1 1 0 1 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1
  1 1 1 1 1 0 0 1
21 1 1 0 0 1 1 1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 1 1 1 1 0 1 1 1
  0 1 1 1 0 0 1 1
22 1 1 0 0 0 1 0 1 1 0 0 0 1 1 0 0 1 0 1 1 0 1 0 1 1 1 0 0 1
  1 0 0 0 0 0 0 0
23 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 0 1 1 1 1
  1 1 1 1 1 1 0 1
24 0 1 0 1 1 0 1 1 1 0 1 1 1 0 0 0 0 1 1 1 1 0 1 1 1 1 1 0 1
  1 1 1 1 1 0 0 1
25 1 0 0 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 0 0 0 0 1
  0 0 0 1 0 0 1 1
26 0 0 1 0 0 0 0 0 0 0 1 0 1 0 0 1 0 1 1 0 0 1 1 1 1 1 0 1 1
  0 1 1 1 1 0 0 1
27 1 1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0
  0 0 0 0 1 0 0 0
28 1 0 0 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 1 0 1 0 1 0
  0 1 1 1 1 0 1 1
29 0 1 1 1 1 1 1 0 0 0 0 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1

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29 0 0 1 1 1 1 1 0
30 1 0 1 0 1 1 1 0 1 0 0 0 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1
    1 1 1 1 0 1 1 1
31 1 1 1 0 1 1 1 1 0 0 1 1 0 0 1 0 0 1 1 1 1 1 1 1 0 1 0 1
    1 0 1 1 1 1 1 0
32 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1 1 0 0 0 0 0 0 1 0 1
    0 1 1 0 0 0 0 0
33 1 0 0 0 0 0 1 1 1 0 0 0 0 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1
    1 1 1 1 0 1 0 0
34 1 0 0 0 1 0 0 1 0 0 0 1 1 0 0 1 1 1 0 0 1 1 0 1 1 0 0 1 1
    1 1 1 1 1 1 0 0
35 0 1 0 1 1 0 0 1 0 0 1 1 1 1 0 0 0 0 1 0 0 0 0 1 1 0 0 0 1
    1 1 1 1 0 0 0 0
36 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1
    1 1 0 1 0 0 0 0
37 0 0 0 0 0 1 0 1 1 0 1 1 1 1 1 0 1 1 0 0 1 1 0 1 0 0 1 1 1
    0 0 1 1 0 0 0 1
38 1 1 1 0 1 0 1 0 0 1 1 1 0 1 1 0 0 0 0 1 1 0 1 0 1 1 0 1 0
    0 0 1 1 1 1 1 1
39 1 0 1 1 0 0 0 0 0 1 1 0 0 0 0 1 0 0 1 1 1 1 1 1 1 0 0 0
    0 1 0 1 0 0 1 1
40 1 1 1 1 1 0 0 0 1 1 0 0 1 1 0 0 1 0 1 1 0 1 1 0 1 0 0 0 1
    0 0 0 1 1 1 0 0
41 1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 0 0 0 1 0
    1 1 1 0 1 1 1 0
42 1 0 1 1]
43 True class: [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1 1 1 1 1 1
44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
46 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
47 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
48 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
49 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
    1 1 1 1 1 1 1 1
52 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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52 1 1 1 1 1 1 1 1
53 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
54 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
55 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
56 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
57 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
58 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
59 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
60 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
61 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
62 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
63 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
64 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
65 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
66 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
   1 1 1 1 1 1 1 1
67 1 1 1 1]
68 Average correct predictions for contributions whose policy
   marker is 0:
69 Test Accuracy: 0.9922415158072518
70 Proabilities: [[9.9207860e-01 7.9214368e-03]
71 [1.0000000e+00 1.7253601e-17]
72 [7.3290312e-01 2.6709697e-01]
73 ...
74 [9.8312324e-01 1.6876785e-02]
75 [9.9985301e-01 1.4700698e-04]
76 [9.8539937e-01 1.4600651e-02]]
77 Predicted class: [0 0 0 ... 0 0 0]
78 True class: [0 0 0 ... 0 0 0]
79
80 Process finished with exit code 0
81
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