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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 21:32:59.967444: 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: 0.415410
5 Cost after epoch 100: 0.159312
6 Train Accuracy: 0.93443626
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: 0.755978674790556
11 Proabilities: [[1.4889888e-24 1.0000000e+00]
12 [1.5508783e-12 1.0000000e+00]
13 [1.0276401e-03 9.9897242e-01]
14 ...
15 [5.0891699e-06 9.9999487e-01]
16 [5.8249056e-10 1.0000000e+00]
17 [6.9025296e-01 3.0974707e-01]]
18 Predicted class: [1 1 1 ... 1 1 0]
19 True class: [1 1 1 ... 1 1 1]
20 Average correct predictions for contributions whose policy
marker is 0:
21 Test Accuracy: 0.9496007232183216
22 Proabilities: [[1.0000000e+00 1.11103955e-17]
23 [1.0000000e+00 4.96094428e-24]
24 [9.99998689e-01 1.36689846e-06]
25 ...
26 [7.94705391e-01 2.05294624e-01]
27 [8.99508059e-01 1.00491986e-01]
28 [8.99508059e-01 1.00491986e-01]]
29 Predicted class: [0 0 0 ... 0 0 0]
30 True class: [0 0 0 ... 0 0 0]
31
32 Process finished with exit code 0
33
```