| | Average Accuracy for https://www.kaggle.com/rmisra/news-headlines-dataset-for-sarcasm-detection | | | | | | | | | | | | Av | verage accuracy from single run | | | |
|--|--|-----------------------------|--|---|----------------|-----------------|------------------|-------------|--|--|---------------------|-------------------------------------|---------------|--|---|---------|--|
| Dataset 1 | Training Data = Testing Data (Sarcasm_Headlines_Dataset.json) | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | Run 6: | Run 7: | Run 8: | Run 9: | Run 10: | Average from 10 runs | | ecision Tree Classifier | 0.7218062174 | | |
| | Multilayer Perceptron Classifier | 0.7490356251 | 0.7465395 | 961 0.758225550 | 3 0.7578851827 | 0.757317903 | 3 0.7498298162 | 0.751758565 | 9 0.758112094 | 4 0.763104152 | 25 0.745178125 | | | andom Forest Classifier | 0.7591331972 | | |
| | ,. | | | | | | | | | | | | | upport Vector Classifier | 0.7898797368 | | |
| | | | | | | | | | | | | | Mu | ultilayer Perceptron Classifier | 0.7490356251 | | |
| | False negatives out of 4904 | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | Run 6: | Run 7: | Run 8: | Run 9: | Run 10: | Error percentage false negatives | | | | | |
| | Multilayer Perceptron Classifier | 961 | | 979 91 | 9 933 | 98 | 4 1076 | 94 | 7 93 | 0 95 | 59 104 | 40 0.1995717781 | Fal | alse negatives from single run | | | |
| | | | | | | | | | | | | | De | cision Tree Classifier | 1071 | | |
| | | | | | | | | | | | | | Rai | andom Forest Classifier | 557 | | |
| | False positives out of 3910 | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | Run 6: | Run 7: | Run 8: | Run 9: | Run 10: | Error percentage false positives | Sup | pport Vector Classifier | 636 | | |
| | Multilayer Perceptron Classifier | 1251 | 1 | 255 115 | 52 1202 | 2 115 | 5 1129 | 124 | 1 120 | 2 112 | 29 120 | 0.3049104859 |) Mu | ultilayer Perceptron Classifier | 961 | | |
| | | | | | | | | | | | | | | | | | |
| | | genuine 1 | genuine 2 | genuine 3 | genuine 4 | genuine 5 | sarcastic 1 | sarcastic 2 | sarcastic 3 | sarcastic 4 | sarcastic 5 | Correct / 10 | | alse positives from single run | | | |
| | Multilayer Perceptron Classifier | | 0 | 0 | 1 1 | | 0 1 | | 1 | 1 | 1 | 1 7 | | ecision Tree Classifier | 1381 | | |
| | | | | | | | | | | | | | | andom Forest Classifier | 1566 | | |
| | | | | | | | | | | | | | | ipport Vector Classifier | 1216 | | |
| | | | | | | | | | | | | | Mu | ultilayer Perceptron Classifier | 1251 | | |
| Dataset 2 | Training Data = Testing Data (Sarcasm_Headlines_Dataset_v2.json) | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | Run 6: | Run 7: | Run 8: | Run 9: | Run 10: | Average from 10 runs | | | | | |
| | Multilayer Perceptron Classifier | 0.743568025 | 4 0.7419798 | 835 0.75352038 | 2 0.7533086289 | 0.749391212 | 3 0.7397564849 | 0.748967707 | 8 0.750344097 | 4 0.753308628 | 39 0.748755955 | 55 0.7482901006 | 3 | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | False negatives out of 4916 | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | Run 6: | Run 7: | Run 8: | Run 9: | Run 10: | Error percentage false negatives | | | | | |
| | Multilayer Perceptron Classifier | 112 | 19 | 104 113 | 1040 | 107 | 5 1144 | 111 | 6 113 | 0 111 | 10 112 | 26 0.2259967453 | 3 | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | - | | | | | | - | | | | | | | | |
| | False positives out of 4529 | Run 1: | Run 2: | Run 3: | Run 4: | Run 5: | | Run 7: | Run 8: | Run 9: | Run 10: | Error percentage false positives | | | | | |
| | Multilayer Perceptron Classifier | 129 | 13 1 | 333 119 | 1290 | 129 | 2 1314 | 125 | 5 122 | 8 122 | 20 124 | 47 0.2796202252 | | | | | |
| | | | | | | | | | | | | 0 | | | | | |
| | | genuine 1 | genuine 2 | genuine 3 | genuine 4 | genuine 5 | sarcastic 1 | sarcastic 2 | sarcastic 3 | sarcastic 4 | sarcastic 5 | Correct / 10 | | | | | |
| | Multilayer Perceptron Classifier | | 1 | 1 | 1 1 | | 1 1 | | 0 | 0 | 0 | 1 / | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Charts for Dataset 1 | | | | | | | | Charts for Data | ant 2 | | | | | | | |
| | Citatis for Dataset 1 | | | | | | | | | Official of Bullett 2 | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Multilayer Perceptron Classifier vs Training Data = Testing Data (Sarcasm_Headlines_Dataset.json) 33% Testing 77% Training | | | Multilayer Perceptron Classifier vs False positives out of 3910 | | | | | | Multilayer Perceptron Classifier vs Training Data = Testing Data (Sarcasm_Headlines_Dataset_v2.json) | | | | | Multilayer Perceptron Classifier vs False negatives out of 4916 | | |
| | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ulayer Perceptron Classif | | | | | | | yer Perceptron Classifier 9.0 9.0 | | | | | 161 250 161 161 161 161 161 161 161 161 161 16 | | | |
| | Wuldis | | | | | | | | | | | | | # Z 200 | | | |
| 2 0.0 | | | | | | | | | 0.0 | | | | | 0 | | | |
| Run 1: Run 2: Run 3: Run 4: Run 5: Run 6: Run 7: Run 8: Run 9: Run 10: | | | Run 1: Run 2: Run 3: Run 4: Run 5: Run 6: Run 7: Run 8: Run 9: Run 10: | | | | | | R | un 1: Run 2: R | tun 3: Run 4: R | Run 5: Run 6: Run 7: Run 8: Ru | in 9: Run 10: | Run 1: Run 2: Run 3: Run 4: Run 5: Run 6: Run 7: Run 8: Run 9: Run 10: | | | |
| | Training Data = Testing Data (Sarcasm_Headlines_Dataset.json) | False positives out of 3910 | | | | | | | | Training D | Data = Testing Data | a (Sarcasm_Headlines_Dataset_v2.jsc | on) | False negatives out of 4916 | | | |
| | | Table positive duter or to | | | | | | | | | | | | • | | | |
| Multilayer Perceptron Classifier vs | | | | | | | | | | | | | | | | | |
| | | | Multilayer Perceptron Classifier vs False negatives out of 4904 | | | | | | Multilayer Perceptron Classifier vs False positives out of 4529 | | | | | Multilayer Perceptron | Classifier vs | | |
| | | | | | | | | | 1500 | | | | | 1.00 | | | |
| | | | - | | | | | | | | | | | | | | |
| | | | 5 1000 | | | | | | se grand and a segment of the segmen | | | | | | | | |
| | | | 9 0 750 | | | | | | | | | | | ₩ 0.75 | | | |
| | | | | | | | | | e 1000 – | | | | | 88 | | | |
| | S 0.50 | g 750 | | | | | | | iton | | | | | Ö 5 0.50 — | | | |
| | | 9 | | | | | | | Ge Ge | | | | | o.50 | | | |
| 0.25 da 0.25 | | | 500 — — — — — — — — — — — — — — — — — — | | | | | | 8 500 — | | | | | 8 0 025 | | | |
| | | | | | | | | | | | | | | | | | |
| | ₹ / | 1 | | | | | | | _ | | | | | Wen | | | |
| | 0.00 | 0 | Dun 4: P | 2: Pun 2: P.:. | Pun E. Dura C. | Dun 7: Dun 0: 1 | 2 un 0: Pr - 10: | | 0 - | Dun ti Din C | Dun 2: Dun 4 | Dun 6: Dun 6: Dun 7: Dun 0 | a O: Pup 10: | 0.00 | | 0 0 5 6 | |
| de prince de pri | | | Run 1: Run 2: Run 3: Run 4: Run 5: Run 6: Run 7: Run 8: Run 9: Run 10: | | | | | | Run 1: Run 2: Run 3: Run 4: Run 5: Run 6: Run 7: Run 8: Run 9: Run 10: | | | | | genter genter genter genter genter genter seemt genter genter genter genter genter | | | |
| der der der der der der sech sech sech sech sech | | | False negatives out of 4904 | | | | | | False positives out of 4529 | | | | | der der den | | | |
| | <u></u> | | | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |