Code trace for project part 2

Small Dataset

Enter the Number of features

3

Enter the features you want to get the accuracy of

3 5 7

The accuracy of using features: {3, 5, 7}

0.89

The algorithm took 0.010656 seconds using 3 feature(s), with feature numbers: {3, 5, 7}

Enter the Number of features

8

Enter the features you want to get the accuracy of

1 2 3 4 6 7 8 9

The accuracy of using features: {1, 2, 3, 4, 6, 7, 8, 9}

0.68

The algorithm took 0.013003 seconds using 8 feature(s), with feature numbers: {1, 2, 3, 4, 6, 7, 8, 9}

Large Dataset

Enter the Number of features

3

Enter the features you want to get the accuracy of

1 15 27

The accuracy of using features: {1, 15, 27}

0.949

The algorithm took 1.60163 seconds using 3 feature(s), with feature numbers: {1, 15, 27}

Enter the Number of features

10

Enter the features you want to get the accuracy of

2 4 5 6 9 15 23 27 32 36

The accuracy of using features: {2, 4, 5, 6, 9, 15, 23, 27, 32, 36}

0.731

The algorithm took 1.75557 seconds using 10 feature(s), with feature numbers: {2, 4, 5, 6, 9, 15, 23, 27, 32, 36}

Enter the Number of features

20

Enter the features you want to get the accuracy of

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39

The accuracy of using features: {1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39}

0.699

The algorithm took 1.97338 seconds using 20 feature(s), with feature numbers: {1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39}