

```

26-11-2025 03:14 <DIR>
26-11-2025 03:14 29,285 large_portscan_dataset.csv
26-11-2025 00:27 982 portscan_dataset.csv
26-11-2025 03:13 2,101 portscan_ml.py
26-11-2025 01:27 1,723 README.md
26-11-2025 01:34 125,314 Result_output.pdf
26-11-2025 01:46 679 test_dataset.csv
6 File(s) 160,084 bytes
1 Dir(s) 64,303,943,680 bytes free

```

```

C:\project_aimg>python portscan_ml.py
Loading dataset...

```

Accuracy: 0.8866666666666667

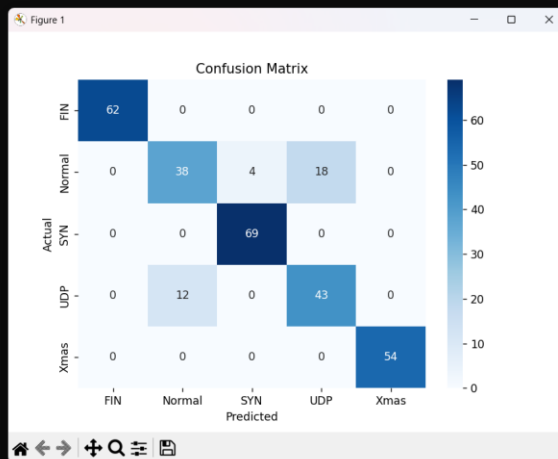
```

Classification Report:
precision    recall  f1-score   support

   FIN         1.00      1.00      1.00        62
  Normal      0.76      0.63      0.69        60
    SYN      0.95      1.00      0.97        69
    UDP      0.70      0.78      0.74        55
    Xmas      1.00      1.00      1.00        54

 accuracy      0.88      0.88      0.89      300
  macro avg      0.88      0.88      0.88      300
 weighted avg      0.89      0.89      0.88      300

```



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