

File Edit View Run Kernel Settings Help

 Code

```
print("F1 Score:", f1)
```

19/19 ————— 3s 126ms/step

Classification Report:

|                           | precision | recall | f1-score | support |
|---------------------------|-----------|--------|----------|---------|
| Child Sexual Exploitation | 0.96      | 1.00   | 0.98     | 24      |
| Elections                 | 1.00      | 1.00   | 1.00     | 20      |
| Non-Violent Crimes        | 1.00      | 1.00   | 1.00     | 57      |
| Safe                      | 0.93      | 0.96   | 0.94     | 187     |
| Sex-Related Crimes        | 1.00      | 1.00   | 1.00     | 22      |
| Suicide & Self-Harm       | 1.00      | 1.00   | 1.00     | 20      |
| Unknown S-Type            | 0.77      | 0.64   | 0.70     | 36      |
| Violent Crimes            | 1.00      | 1.00   | 1.00     | 175     |
| unsafe                    | 1.00      | 1.00   | 1.00     | 59      |
| accuracy                  |           |        | 0.96     | 600     |
| macro avg                 | 0.96      | 0.96   | 0.96     | 600     |
| weighted avg              | 0.96      | 0.96   | 0.96     | 600     |

F1 Score: 0.9579058403031264

```
[12]: # 9) CONFUSION MATRIX
# =====
cm = confusion_matrix(y_test, y_pred)
```