train.py (execution took about 10 minutes with existing depth parameters):
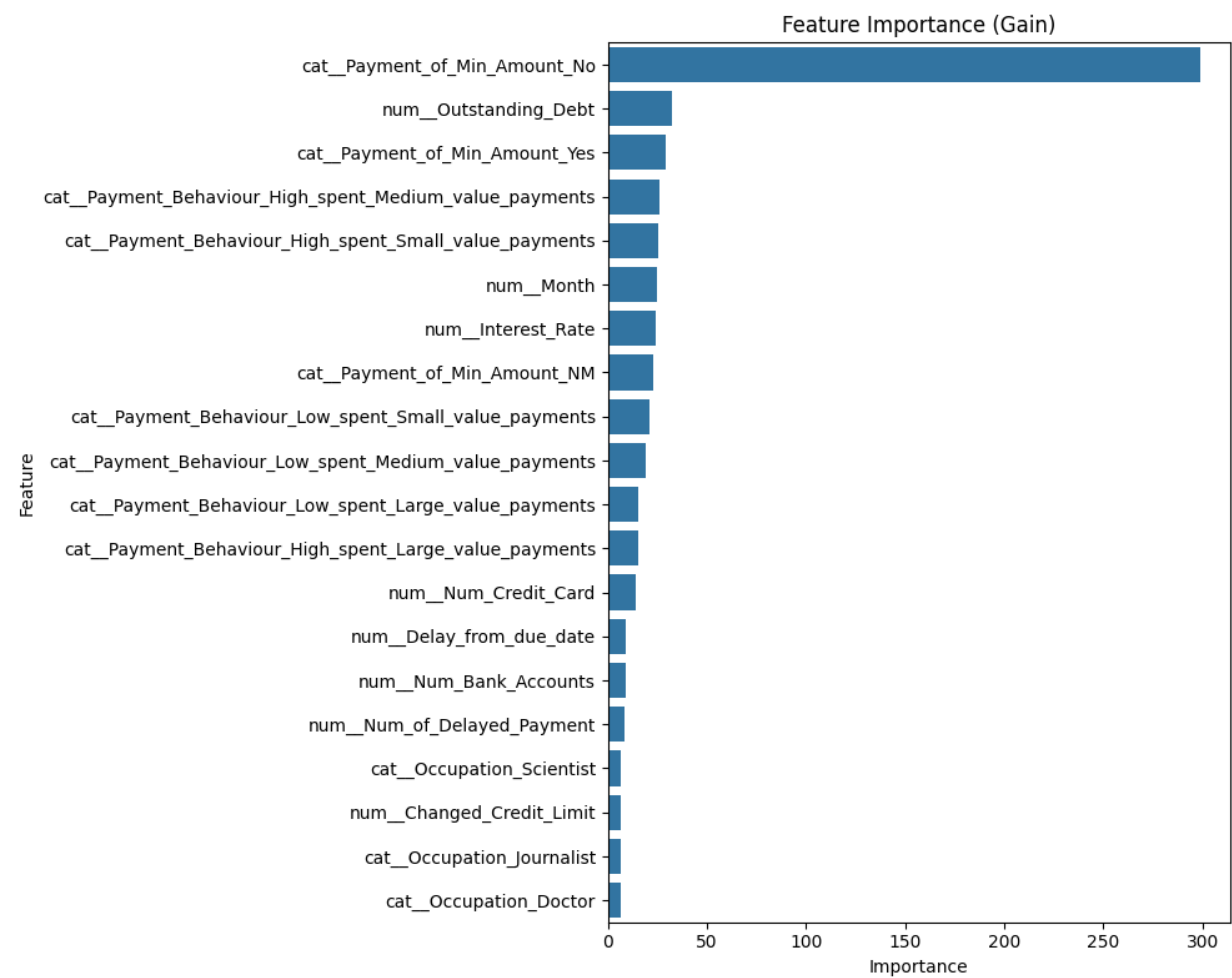
```
2025-03-18 17:29:42,436 - INFO - Test Accuracy: 0.7901
Classification Report:
              precision    recall  f1-score   support

        Poor       0.78      0.79      0.79      5799
    Standard       0.81      0.80      0.81     10635
        Good       0.74      0.76      0.75      3566

    accuracy                           0.79     20000
   macro avg       0.78      0.78      0.78     20000
weighted avg       0.79      0.79      0.79     20000

2025-03-18 17:29:43,123 - INFO - ROC AUC (ovr): 0.9180

Process finished with exit code 0
```
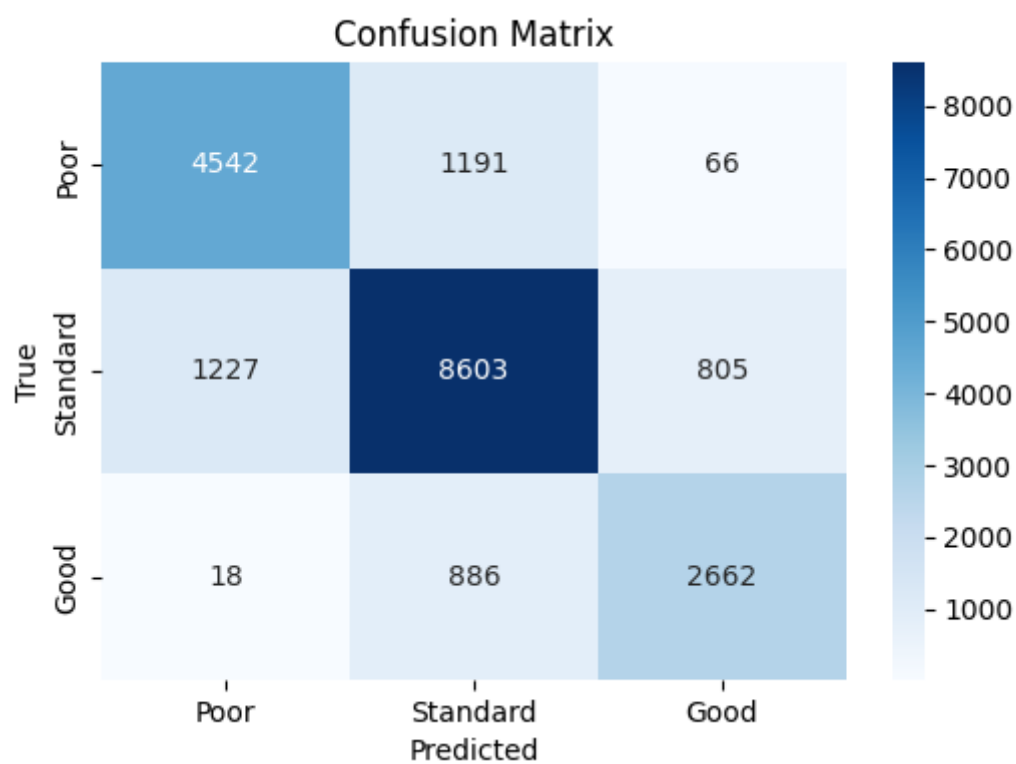
Feature Importance (Gain)

Confusion Matrix

predict.py:

Confusion Matrix