Boost Trials

1. Ss

Validation Metrics: AUC=0.9637, Accuracy=0.9856, Precision=0.9599, Recall=0.6152, F1=0.7499, Confusion Matrix=[[91096, 85], [1272, 2034]]

Test Metrics: AUC=0.9654, Accuracy=0.9855, Precision=0.9532, Recall=0.6160, F1=0.7484, Confusion Matrix=[[113850, 125], [1587, 2546]]

Random Forest Trials

Before SMOTE

**✅ Validation Metrics**

* **AUC:** 0.9339 | **Accuracy:** 97.95% | **Precision:** 0.9449
* **Recall:** 0.4410 | **F1:** 0.6014 | **Log Loss:** 0.0829
* **Brier Score:** 0.0171 | **Avg Precision:** 0.7156
* **Confusion Matrix:** TN=91096, FP=85, FN=1848, TP=1458

**✅ Test Metrics**

* **AUC:** 0.9220 | **Accuracy:** 97.89% | **Precision:** 0.9413
* **Recall:** 0.4232 | **F1:** 0.5839 | **Log Loss:** 0.0978
* **Brier Score:** 0.0189 | **Avg Precision:** 0.7076
* **Confusion Matrix:** TN=113866, FP=109, FN=2384, TP=1749

A graph with a line

AI-generated content may be incorrect.