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Now that you're familiar with the main challenges of fraud detection, you're about to learn how to flag fraudulent transactions with supervised learning. You will use classifiers, adjust them and compare them to find the most efficient fraud detection model.

 Review of classification methods	50 xp
 Natural hit rate	100 xp
 Random Forest Classifier - part 1	100 xp
 Random Forest Classifier - part 2	100 xp
 Performance evaluation	50 xp
 Performance metrics for the RF model	100 xp
 Plotting the Precision Recall Curve	100 xp
 Adjusting your algorithm weights	50 xp
 Model adjustments	100 xp
 Adjusting your Random Forest to fraud detection	100 xp
 GridSearchCV to find optimal parameters	100 xp
 Model results using GridSearchCV	100 xp
 Ensemble methods	50 xp
 Logistic Regression	100 xp
 Voting Classifier	100 xp
 Adjust weights within the Voting Classifier	100 xp

HIDE CHAPTER DETAILS