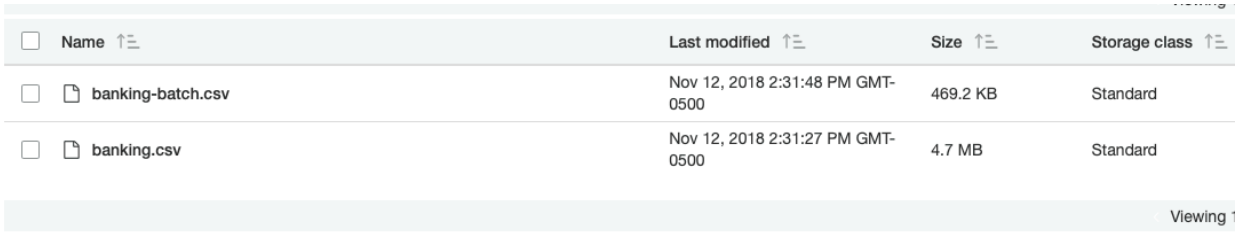
AWS Tutorial: Build a Machine Learning Model

Step 1: Prepare Your Data

Upload Data in bucket

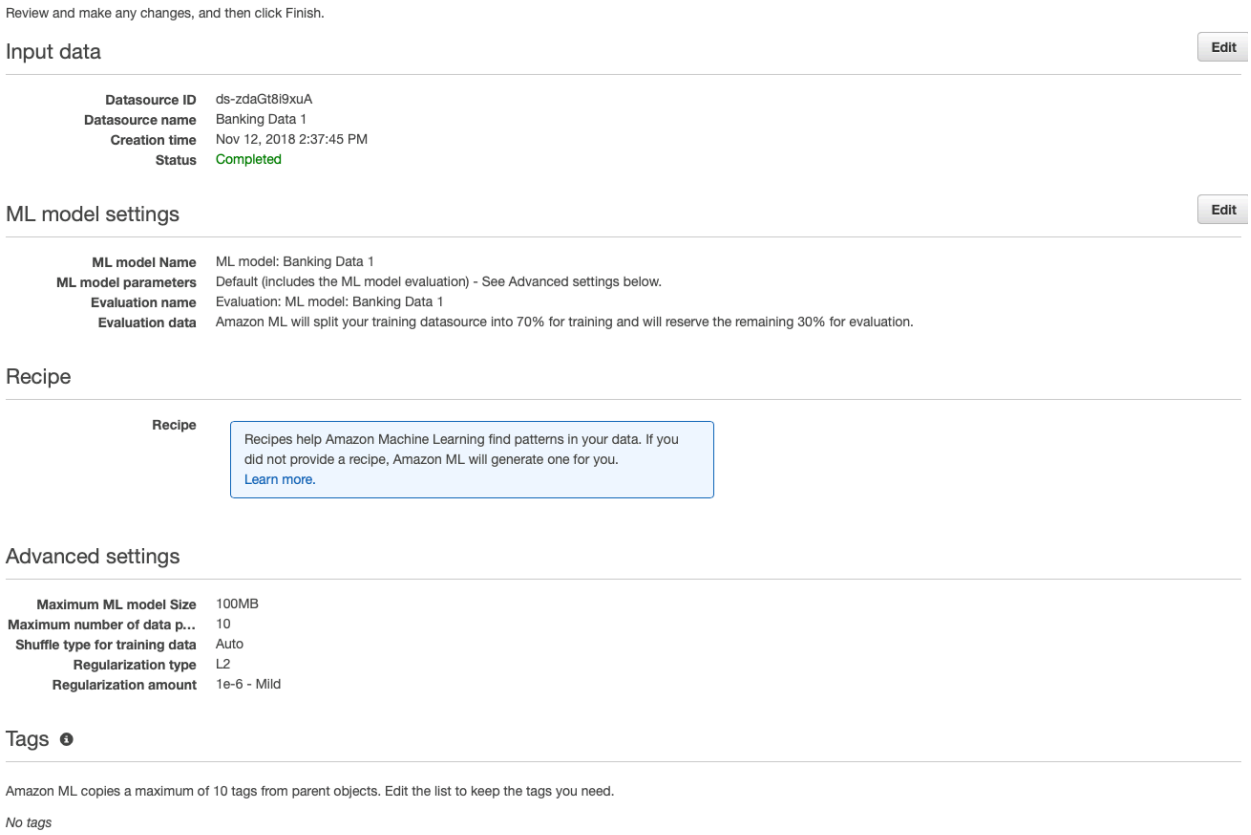


Name	Last modified	Size	Storage class
banking-batch.csv	Nov 12, 2018 2:31:48 PM GMT-0500	469.2 KB	Standard
banking.csv	Nov 12, 2018 2:31:27 PM GMT-0500	4.7 MB	Standard

Viewing

Step 2: Create a Training Datasource

Create the training datasource



Review and make any changes, and then click Finish.

Input data — Edit

Datasource ID	ds-zdaGt8i9xuA
Datasource name	Banking Data 1
Creation time	Nov 12, 2018 2:37:45 PM
Status	Completed

ML model settings — Edit

ML model Name	ML model: Banking Data 1
ML model parameters	Default (includes the ML model evaluation) - See Advanced settings below.
Evaluation name	Evaluation: ML model: Banking Data 1
Evaluation data	Amazon ML will split your training datasource into 70% for training and will reserve the remaining 30% for evaluation.

Recipe

Recipe

Recipes help Amazon Machine Learning find patterns in your data. If you did not provide a recipe, Amazon ML will generate one for you.
Learn more.

Advanced settings

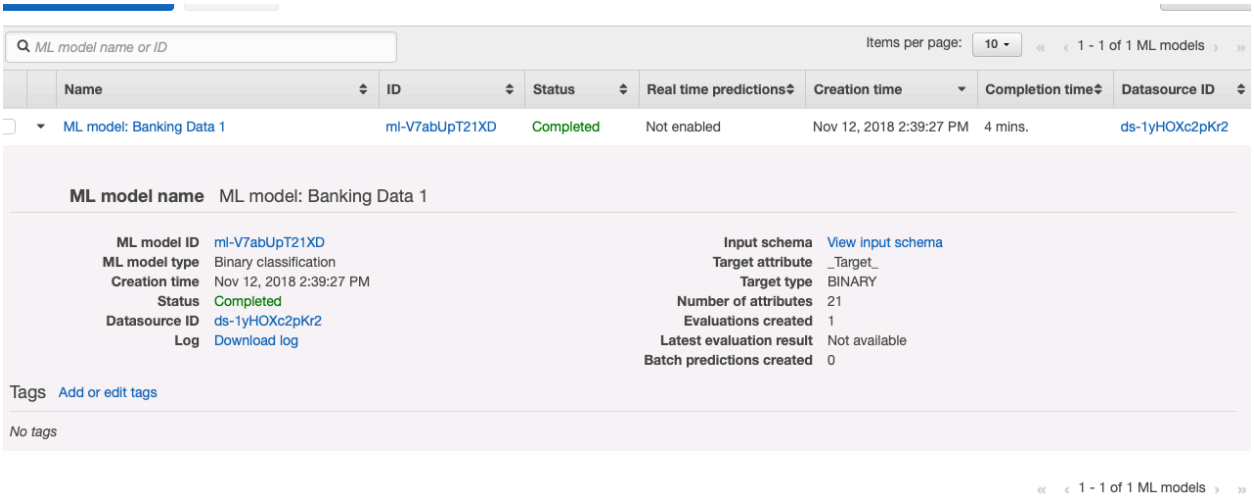
Maximum ML model Size	100MB
Maximum number of data p...	10
Shuffle type for training data	Auto
Regularization type	L2
Regularization amount	1e-6 - Mild

Tags

Amazon ML copies a maximum of 10 tags from parent objects. Edit the list to keep the tags you need.

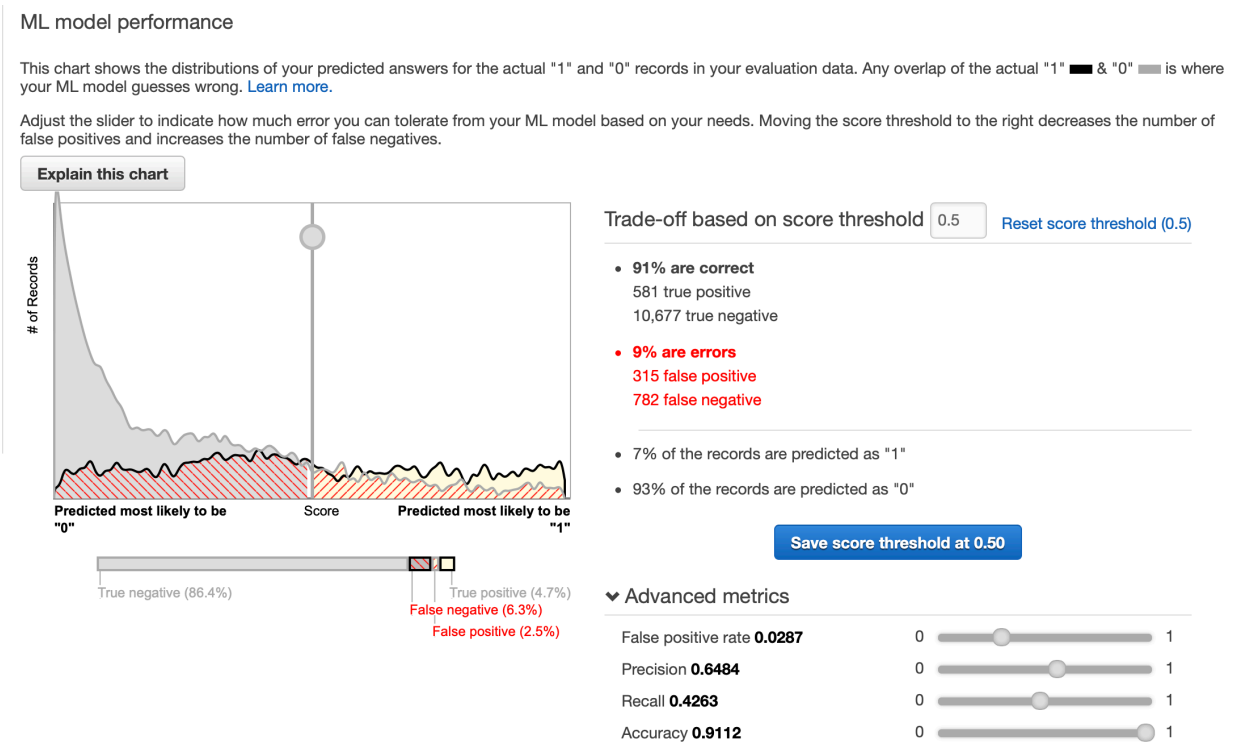
No tags

Step 3: Create an ML Model

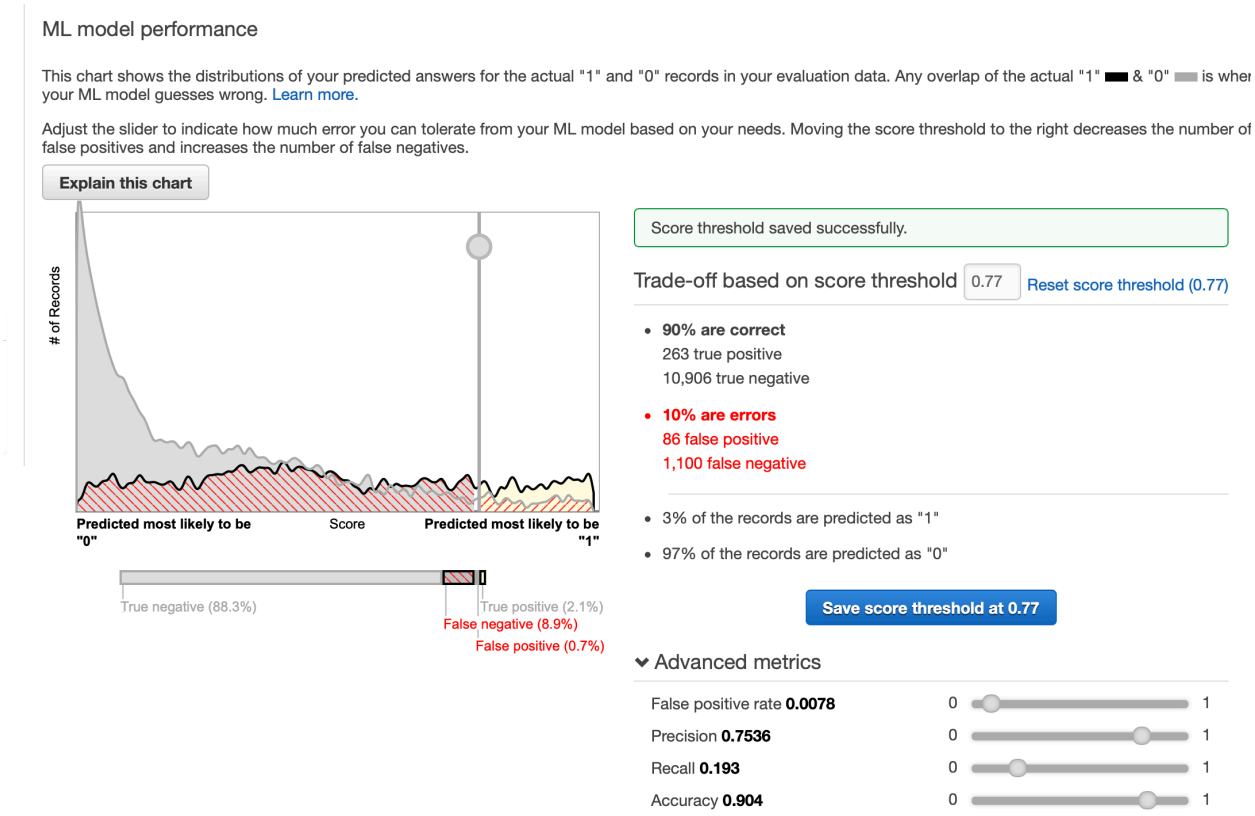


Step 4: Review the ML Model's Predictive Performance and Set a Score Threshold

To review the summary



To set a score threshold for your ML model



Step 5: Use the ML Model to Generate Predictions

Try real-time predictions