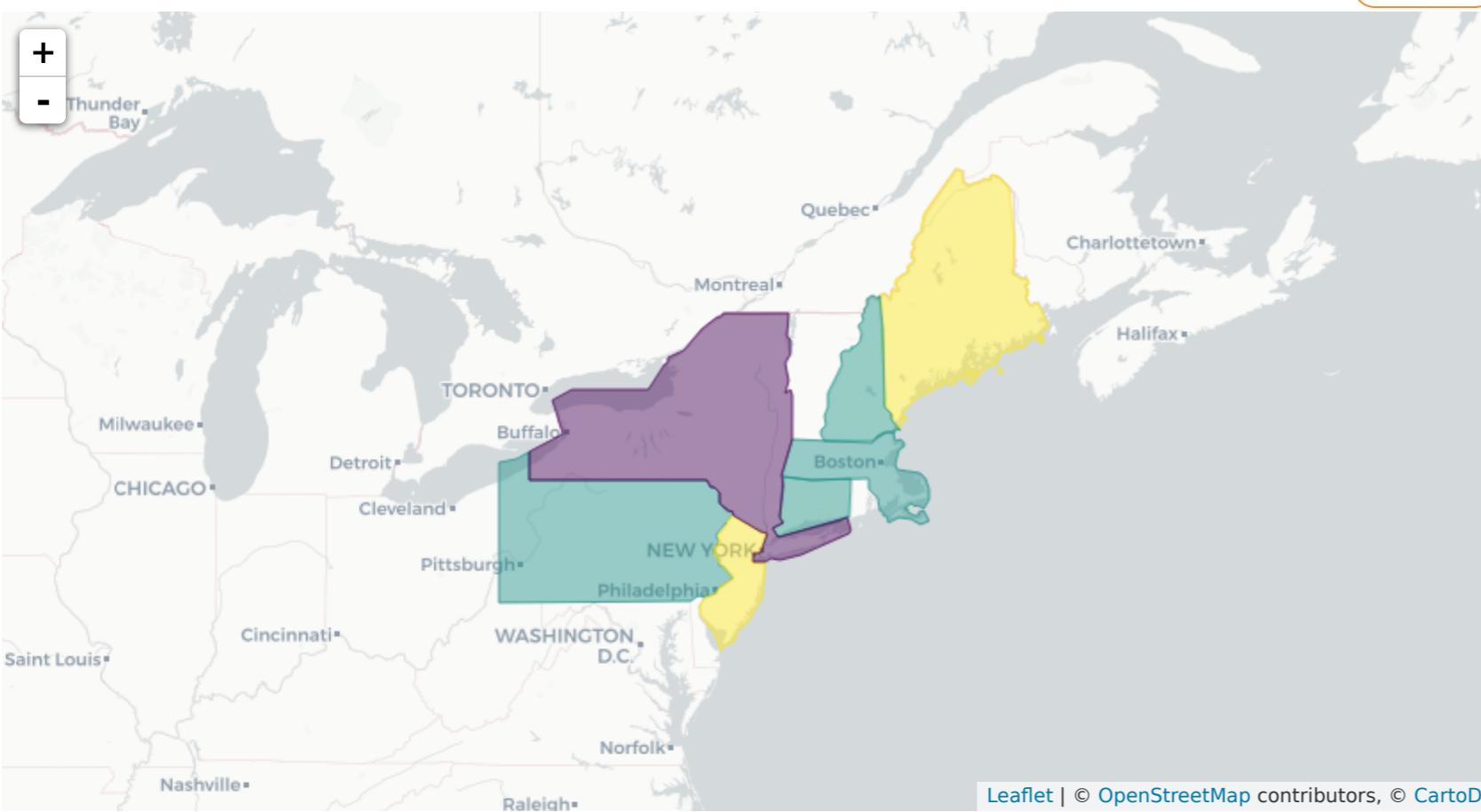
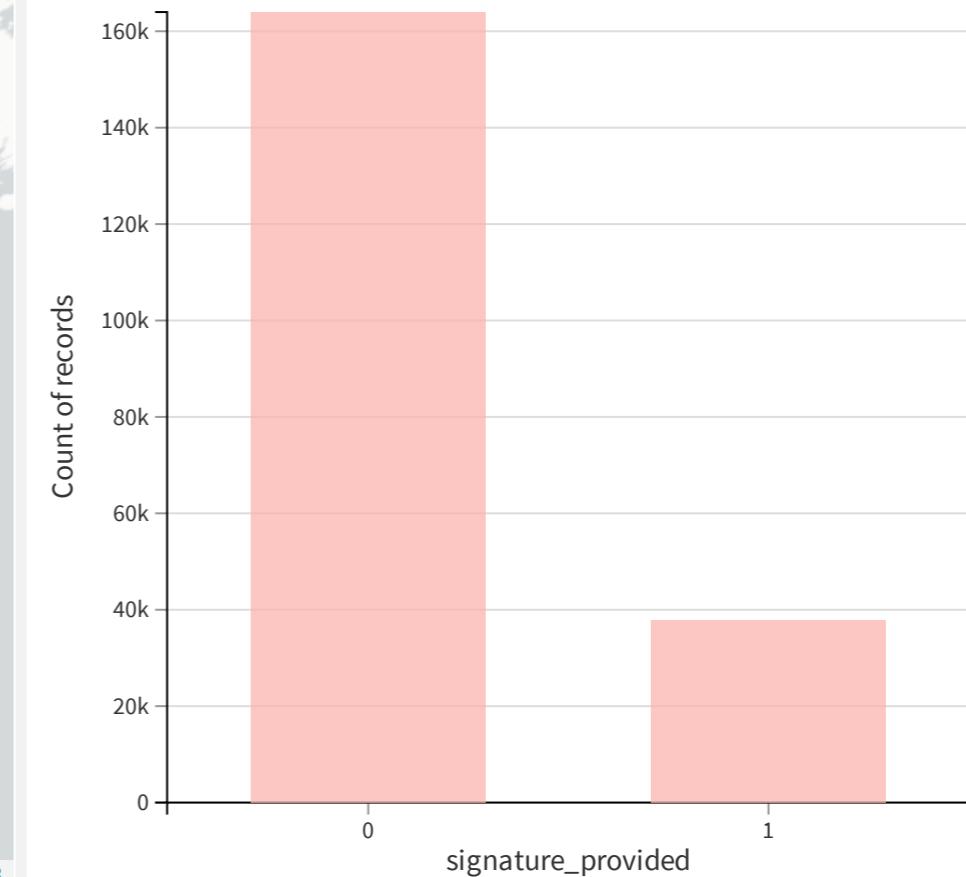


New chart on transactions_joined_prepared



Leaflet | © OpenStreetMap contributors, © CartoDB

Count by signature_provided on data_labeled



transactions_joined_prepared_by_merchant_id table

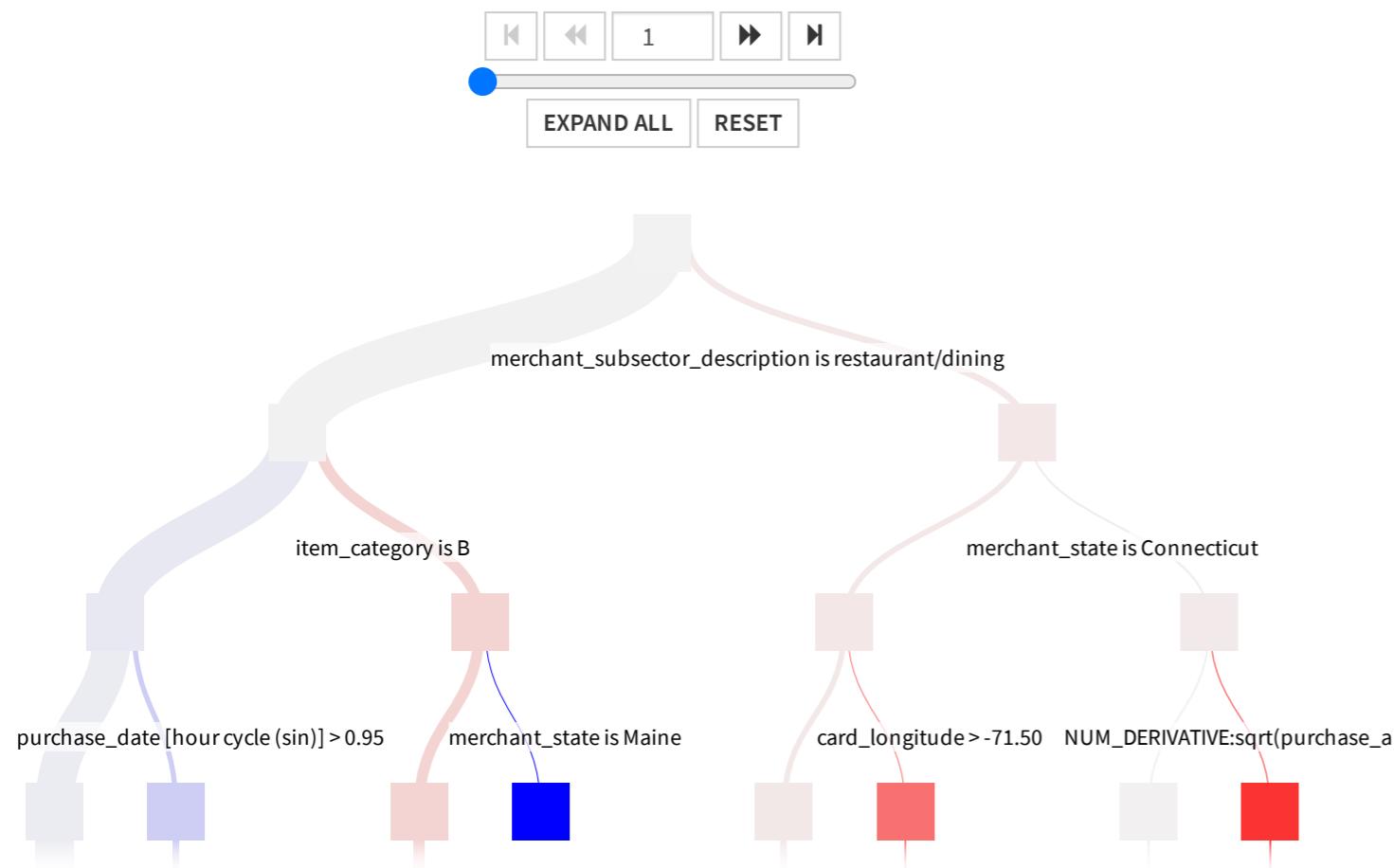
merchant_id	purchase_amount_avg	merchant_geopoint_distinct	fraud_sum	count
M_ID_2637773dd2	186.4271153846154	387	63.0	988
M_ID_2bc1b73a80	125.29466666666669	13	0.0	30
M_ID_397451141a	161.808	2	3.0	5
M_ID_71a4956849	97.3806	23	2.0	50
M_ID_376e061d95	644.19	1	0.0	2
M_ID_46751e9713	107.4890909090909	5	0.0	11
M_ID_9424991868	61.776428571428575	5	0.0	14
M_ID_d4554e4e5f	683.125	2	0.0	6
M_ID_32dd75de32	270.67	2	0.0	3
M_ID_7d052c3ea4	54.78749999999994	2	0.0	4
M_ID_3111c6df35	812.9865405405404	288	187.0	740

▲ Sample [Download](#)

Predict authorized_flag (binary) table

Decision trees

✖ Warning : because the number of nodes was too high, only a limited number of trees is shown.



Probabilities

■ 0: 50.27%
■ 1: 49.73%

Target classes

■ 0: 10.49%
■ 1: 89.51%

Decision rules

Samples Count

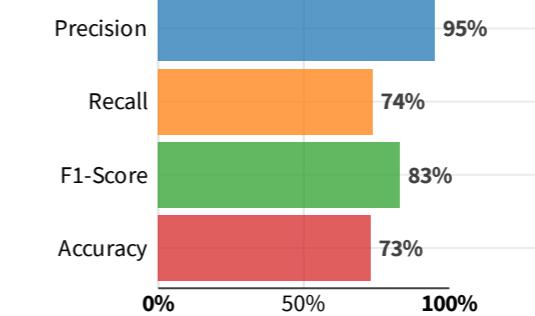
50,584 (100.00%)

Predict authorized_flag (binary) table

Confusion matrix Threshold (cut-off) 0 0.550 BACK TO OPTIMAL

Display: Record count

	Predicted 1	Predicted 0	Total
Actually 1	13322	4753	18075
Actually 0	684	1329	2013
Total	14006	6082	20088



Cost matrix

If model predicts	and the value is 1	the gain is 1	$1 \times 13322 = 13,322.00$
but the value is 0	and the gain is -0.3	$-0.3 \times 684 = -205.20$	
	and the value is 0	the gain is 0	$0 \times 1329 = 0.00$

Predict authorized_flag (binary) table

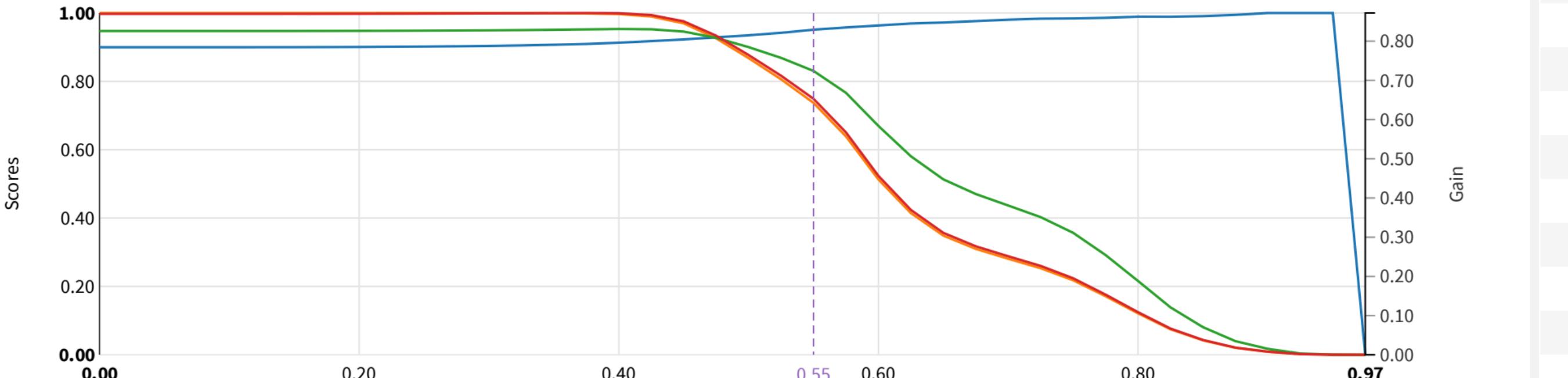
Decision chart

data_unlabeled_scored table

transaction_id	authorized_flag	purchase_date	purchas
308118		2018-02-23T17:48:55.000Z	
308146		2018-02-23T18:06:16.000Z	

▲ Sample





Cost matrix

If model predicts

and value is 1

the gain is 1

308174	2018-02-23T18:36:10.000Z
308198	2018-02-23T18:57:19.000Z
308242	2018-02-23T19:35:37.000Z
308270	2018-02-23T19:49:35.000Z
308310	2018-02-23T20:35:16.000Z
308346	2018-02-23T21:09:58.000Z
308374	2018-02-23T22:01:37.000Z
308402	2018-02-23T22:49:50.000Z
308434	2018-02-24T00:50:31.000Z
308474	2018-02-24T06:25:34.000Z
308506	2018-02-24T07:26:19.000Z
308534	2018-02-24T07:57:18.000Z
308562	2018-02-24T08:23:22.000Z
308586	2018-02-24T08:57:00.000Z