# pylint: disable=arguments-differ,no-member,too-many-statements

''' Contains HashedPercentileDiscretizerCalibrator used for calibration '''

from .percentile\_discretizer import PercentileDiscretizerCalibrator

import twml

class HashedPercentileDiscretizerCalibrator(PercentileDiscretizerCalibrator):

''' Accumulates features and their respective values for HashedPercentileDiscretizer calibration.

This calibrator perfoms the same actions as PercentileDiscretizerCalibrator but it's

`to\_layer` method returns a HashedPercentileDiscretizer instead.

'''

def \_create\_discretizer\_layer(self, n\_feature, hash\_map\_keys, hash\_map\_values,

feature\_offsets, name):

return twml.contrib.layers.HashedPercentileDiscretizer(

n\_feature=n\_feature, n\_bin=self.\_n\_bin,

name=name, out\_bits=self.\_out\_bits,

hash\_keys=hash\_map\_keys, hash\_values=hash\_map\_values,

bin\_ids=self.\_bin\_ids.flatten(), bin\_values=self.\_bin\_vals.flatten(),

feature\_offsets=feature\_offsets

)