Page Report - Lab C

109061564 馬婕芸
110061551 呂易縉
110061540 賴聖耘

Library : Data Analytics

L2 Function : kmeansTrain

Modules : The modules implemented in L1 and L2 are listed below

Level of acceleration / Type	Implemented function
L2 - kmeansTrain	readRaw
	cageShitRight
	varSplit
	axiVarColToStreams
	storeCenters2Array
	scanAndStoreCenters
	writeCenters
	updateC0
	convertPort
	kMeansTrainIter
	parser
	kMeansTrainImp
	kMeansTrain
L1 - kmeansPredict	split
	dupStrm
	dupStrm
	repeateData
	computingDistance
	minDist
	closestCenter
	kMeansPredictImp
	kMeansPredict

Test program:

data_analytics/L2/tests/clustering/kmeans/host/main.cpp

test data:

data_analytics/L2/tests/clustering/kmeans/host/iris.hpp

platform:

U50