result2

March 22, 2018

16:04

train for [file:/opt/nan/yelpProject/source/dataset/Mesa\_rate.csv](file://opt/nan/yelpProject/source/dataset/Mesa_rate.csv)

training count:94297

test count:23684

one time Root-mean-square for test error = 1.84238327234

one time train time = 393.994801998

one time test time = 0.123022079468

training count:94409

test count:23572

one time Root-mean-square for test error = 1.84162831303

one time train time = 385.672290087

one time test time = 0.0383470058441

training count:94285

test count:23696

one time Root-mean-square for test error = 1.83357606176

one time train time = 383.740282774

one time test time = 0.0401389598846

training count:94081

test count:23900

one time Root-mean-square for test error = 1.82685496202

one time train time = 367.51838398

one time test time = 0.0273451805115

training count:94432

test count:23549

one time Root-mean-square for test error = 1.82480917496

one time train time = 368.778484106

one time test time = 0.0252921581268

mean rmse:1.83385035682, mean test time:0.050829076767, mean train time:379.940848589

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train for [file:/opt/nan/yelpProject/source/dataset/Montr\_rate.csv](file://opt/nan/yelpProject/source/dataset/Montr_rate.csv)

training count:91605

test count:23008

one time Root-mean-square for test error = 1.3335789325

one time train time = 314.317014933

one time test time = 0.0767390727997

training count:91713

test count:22900

one time Root-mean-square for test error = 1.33716531558

one time train time = 305.306784868

one time test time = 0.048052072525

training count:91660

test count:22953

one time Root-mean-square for test error = 1.33929932128

one time train time = 305.277638912

one time test time = 0.0304870605469

training count:91475

test count:23138

one time Root-mean-square for test error = 1.34586357311

one time train time = 304.69700098

one time test time = 0.0377559661865

training count:91647

test count:22966

one time Root-mean-square for test error = 1.34357004394

one time train time = 305.22592783

one time test time = 0.0351390838623

mean rmse:1.33989543728, mean test time:0.0456346511841, mean train time:306.964873505

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train for [file:/opt/nan/yelpProject/source/dataset/Tempe\_rate.csv](file://opt/nan/yelpProject/source/dataset/Tempe_rate.csv)

training count:118359

test count:29719

one time Root-mean-square for test error = 1.67037335095

one time train time = 414.792194843

one time test time = 0.116950035095

training count:118525

test count:29553

one time Root-mean-square for test error = 1.66288625608

one time train time = 405.038947105

one time test time = 0.0433959960938

training count:118424

test count:29654

one time Root-mean-square for test error = 1.68305519303

one time train time = 405.302351952

one time test time = 0.0334868431091

mean rmse:1.67210493335, mean test time:0.0646109580994, mean train time:408.3778313

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train for [file:/opt/nan/yelpProject/source/dataset/Henderson\_rate.csv](file://opt/nan/yelpProject/source/dataset/Henderson_rate.csv)

training count:118370

test count:29348

one time Root-mean-square for test error = 1.71218676187

one time train time = 402.305201054

one time test time = 0.123445987701

training count:118414

test count:29304

one time Root-mean-square for test error = 1.70039676533

one time train time = 385.495246887

one time test time = 0.0358250141144

training count:118256

test count:29462

one time Root-mean-square for test error = 1.71271504664

one time train time = 385.375289917

one time test time = 0.0445070266724

mean rmse:1.70843285795, mean test time:0.0679260094961, mean train time:391.058579286

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train for [file:/opt/nan/yelpProject/source/dataset/Pittsbur\_rate.csv](file://opt/nan/yelpProject/source/dataset/Pittsbur_rate.csv)

training count:130030

test count:32412

one time Root-mean-square for test error = 1.41162001231

one time train time = 372.607860088

one time test time = 0.13845705986

training count:129927

test count:32515

one time Root-mean-square for test error = 1.4052445709

one time train time = 365.388320923

one time test time = 0.108055830002

training count:130098

test count:32344

one time Root-mean-square for test error = 1.39952907393

one time train time = 366.560899019

one time test time = 0.0329761505127

mean rmse:1.40546455238, mean test time:0.0931630134583, mean train time:368.185693343

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train for [file:/opt/nan/yelpProject/source/dataset/Charlotte\_rate.csv](file://opt/nan/yelpProject/source/dataset/Charlotte_rate.csv)

training count:169822

test count:42551

one time Root-mean-square for test error = 1.45060774661

one time train time = 316.401839018

one time test time = 0.104809045792

training count:169920

test count:42453

one time Root-mean-square for test error = 1.46015606

one time train time = 307.274488926

one time test time = 0.0454862117767

training count:169853

test count:42520

one time Root-mean-square for test error = 1.46236868517

one time train time = 319.602445841

one time test time = 0.0372939109802

mean rmse:1.45771083059, mean test time:0.0625297228495, mean train time:314.426257928

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train for [file:/opt/nan/yelpProject/source/dataset/Scottsdale\_rate.csv](file://opt/nan/yelpProject/source/dataset/Scottsdale_rate.csv)

training count:223844

test count:56085

one time Root-mean-square for test error = 1.60774796922

one time train time = 502.257526875

one time test time = 0.101504087448

training count:223888

test count:56041

one time Root-mean-square for test error = 1.61698648406

one time train time = 498.000539064

one time test time = 0.0521478652954

training count:223937

test count:55992

one time Root-mean-square for test error = 1.61221710092

one time train time = 491.507673025

one time test time = 0.0372548103333

mean rmse:1.61231718474, mean test time:0.0636355876923, mean train time:497.255246321

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train for [file:/opt/nan/yelpProject/source/dataset/Toronto\_rate.csv](file://opt/nan/yelpProject/source/dataset/Toronto_rate.csv)

training count:313132

test count:78716

one time Root-mean-square for test error = 1.35793595194

one time train time = 446.80624795

one time test time = 0.109736919403

training count:313209

test count:78639

one time Root-mean-square for test error = 1.36157963771

one time train time = 437.434587002

one time test time = 0.0380871295929

training count:313262

test count:78586

one time Root-mean-square for test error = 1.36214016517

one time train time = 436.06397891

one time test time = 0.0319230556488

mean rmse:1.36055191827, mean test time:0.0599157015483, mean train time:440.101604621

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train for [file:/opt/nan/yelpProject/source/dataset/Phoenix\_rate.csv](file://opt/nan/yelpProject/source/dataset/Phoenix_rate.csv)

training count:415065

test count:104247

one time Root-mean-square for test error = 1.59200057172

one time train time = 828.112671137

one time test time = 0.101894855499

training count:415342

test count:103970

one time Root-mean-square for test error = 1.5900405765

one time train time = 817.948853016

one time test time = 0.0447051525116

training count:415084

test count:104228

one time Root-mean-square for test error = 1.57937596274

one time train time = 819.927697897

one time test time = 0.0438449382782

mean rmse:1.58713903698, mean test time:0.063481648763, mean train time:821.99640735

lnnn1@nan1:/opt/nan/yelpProject/source$

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train for [file:/opt/nan/yelpProject/source/dataset/Vegas\_rate.csv](file://opt/nan/yelpProject/source/dataset/Vegas_rate.csv)

training count:1194101

test count:298637

one time Root-mean-square for test error = 1.51824097223

one time train time = 2045.69084215

one time test time = 0.0918018817902

mean rmse:1.51824097223, mean test time:0.0918018817902, mean train time:2045.69084215

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