"C:\Program Files\Java\jdk1.8.0\_101\bin\java" -Didea.launcher.port=7532 "-Didea.launcher.bin.path=C:\Program Files (x86)\JetBrains\IntelliJ IDEA Community Edition 2016.3.3\bin" -Dfile.encoding=UTF-8 -classpath "C:\Program Files\Java\jdk1.8.0\_101\jre\lib\charsets.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\deploy.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\access-bridge-64.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\cldrdata.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\dnsns.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\jaccess.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\jfxrt.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\localedata.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\nashorn.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\sunec.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\sunjce\_provider.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\sunmscapi.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\sunpkcs11.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\jfr.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\jfxswt.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\jsse.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\management-agent.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\plugin.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\resources.jar;C:\Program Files\Java\jdk1.8.0\_101\jre\lib\rt.jar;C:\Users\Megha Nagabhushan\Documents\BDAA\lab-4\CS5542-Tutorial4-SourceCode\image\_classification\target\scala-2.11\classes;C:\Users\Megha Nagabhushan\.ivy2\cache\org.scala-lang\scala-library\jars\scala-library-2.11.8.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.codehaus.jackson\jackson-xc\jars\jackson-xc-1.8.8.jar;C:\Users\Megha 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Nagabhushan\.ivy2\cache\org.apache.spark\spark-catalyst\_2.11\jars\spark-catalyst\_2.11-1.6.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-jackson\jars\parquet-jackson-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-hadoop\jars\parquet-hadoop-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-generator\jars\parquet-generator-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-format\jars\parquet-format-2.3.0-incubating.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-encoding\jars\parquet-encoding-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-common\jars\parquet-common-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.parquet\parquet-column\jars\parquet-column-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\org.apache.mesos\mesos\jars\mesos-0.21.1-shaded-protobuf.jar;C:\Users\Megha 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Nagabhushan\.ivy2\cache\commons-configuration\commons-configuration\jars\commons-configuration-1.6.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\commons-collections\commons-collections\jars\commons-collections-3.2.1.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\commons-codec\commons-codec\jars\commons-codec-1.5.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\commons-cli\commons-cli\jars\commons-cli-1.2.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\commons-beanutils\commons-beanutils-core\jars\commons-beanutils-core-1.8.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\commons-beanutils\commons-beanutils\jars\commons-beanutils-1.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.typesafe.akka\akka-slf4j\_2.11\jars\akka-slf4j\_2.11-2.3.11.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.typesafe.akka\akka-remote\_2.11\jars\akka-remote\_2.11-2.3.11.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.typesafe.akka\akka-actor\_2.11\jars\akka-actor\_2.11-2.3.11.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.typesafe\config\bundles\config-1.2.1.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.twitter\chill\_2.11\jars\chill\_2.11-0.5.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.twitter\chill-java\jars\chill-java-0.5.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.thoughtworks.paranamer\paranamer\jars\paranamer-2.6.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.xml.fastinfoset\FastInfoset\jars\FastInfoset-1.2.12.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.xml.bind\jaxb-impl\jars\jaxb-impl-2.2.7.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.xml.bind\jaxb-core\jars\jaxb-core-2.2.7.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.jersey.jersey-test-framework\jersey-test-framework-grizzly2\jars\jersey-test-framework-grizzly2-1.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.jersey.contribs\jersey-guice\jars\jersey-guice-1.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.jersey\jersey-server\bundles\jersey-server-1.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.jersey\jersey-json\bundles\jersey-json-1.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.jersey\jersey-core\bundles\jersey-core-1.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.sun.istack\istack-commons-runtime\jars\istack-commons-runtime-2.16.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.ning\compress-lzf\bundles\compress-lzf-1.0.3.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.google.protobuf\protobuf-java\bundles\protobuf-java-2.5.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.google.inject\guice\jars\guice-3.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.google.guava\guava\bundles\guava-14.0.1.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.google.code.findbugs\jsr305\jars\jsr305-1.3.9.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.github.rwl\jtransforms\jars\jtransforms-2.4.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.github.fommil.netlib\core\jars\core-1.1.2.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.fasterxml.jackson.module\jackson-module-scala\_2.11\bundles\jackson-module-scala\_2.11-2.4.4.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.fasterxml.jackson.core\jackson-databind\bundles\jackson-databind-2.4.4.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.fasterxml.jackson.core\jackson-core\bundles\jackson-core-2.4.4.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.fasterxml.jackson.core\jackson-annotations\bundles\jackson-annotations-2.4.4.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.esotericsoftware.reflectasm\reflectasm\jars\reflectasm-1.07-shaded.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.esotericsoftware.minlog\minlog\jars\minlog-1.2.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.esotericsoftware.kryo\kryo\bundles\kryo-2.21.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\com.clearspring.analytics\stream\jars\stream-2.7.0.jar;C:\Users\Megha Nagabhushan\.ivy2\cache\aopalliance\aopalliance\jars\aopalliance-1.0.jar;C:\Program Files (x86)\JetBrains\IntelliJ IDEA Community Edition 2016.3.3\lib\idea\_rt.jar" com.intellij.rt.execution.application.AppMain IPApp

Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties

17/02/15 21:55:10 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

17/02/15 21:55:13 INFO Slf4jLogger: Slf4jLogger started

17/02/15 21:55:13 INFO Remoting: Starting remoting

17/02/15 21:55:13 INFO Remoting: Remoting started; listening on addresses :[akka.tcp://sparkDriverActorSystem@192.168.9.1:53155]

17/02/15 21:55:22 INFO FileInputFormat: Total input paths to process : 60

17/02/15 21:55:22 INFO FileInputFormat: Total input paths to process : 60

17/02/15 21:55:22 INFO CombineFileInputFormat: DEBUG: Terminated node allocation with : CompletedNodes: 1, size left: 234199

[Stage 0:> (0 + 2) / 2]Key Descriptors 478 x 128

Key Descriptors 668 x 128

-- 478

-- 668

Key Descriptors 298 x 128

Key Descriptors 370 x 128

-- 370

-- 298

Key Descriptors 195 x 128

-- 195

Key Descriptors 484 x 128

Key Descriptors 80 x 128

-- 484

-- 80

Key Descriptors 209 x 128

Key Descriptors 250 x 128

-- 209

-- 250

Key Descriptors 208 x 128

Key Descriptors 308 x 128

-- 208

-- 308

Key Descriptors 183 x 128

-- 183

Key Descriptors 283 x 128

-- 283

Key Descriptors 332 x 128

-- 332

Key Descriptors 560 x 128

-- 560

Key Descriptors 326 x 128

-- 326

Key Descriptors 406 x 128

Key Descriptors 498 x 128

-- 406

-- 498

Key Descriptors 428 x 128

-- 428

Key Descriptors 687 x 128

-- 687

Key Descriptors 702 x 128

Key Descriptors 306 x 128

-- 702

-- 306

Key Descriptors 147 x 128

Key Descriptors 325 x 128

-- 147

-- 325

Key Descriptors 116 x 128

-- 116

Key Descriptors 370 x 128

-- 370

Key Descriptors 308 x 128

Key Descriptors 195 x 128

-- 308

-- 195

Key Descriptors 176 x 128

Key Descriptors 265 x 128

-- 176

-- 265

Key Descriptors 147 x 128

-- 147

Key Descriptors 435 x 128

-- 435

Key Descriptors 194 x 128

-- 194

Key Descriptors 265 x 128

Key Descriptors 220 x 128

-- 265

-- 220

Key Descriptors 146 x 128

-- 146

Key Descriptors 254 x 128

-- 254

Key Descriptors 176 x 128

-- 176

Key Descriptors 483 x 128

-- 483

Key Descriptors 132 x 128

-- 132

Key Descriptors 119 x 128

-- 119

Key Descriptors 250 x 128

-- 250

Key Descriptors 335 x 128

-- 335

Key Descriptors 563 x 128

-- 563

Key Descriptors 127 x 128

-- 127

Key Descriptors 232 x 128

-- 232

Key Descriptors 206 x 128

-- 206

Key Descriptors 135 x 128

-- 135

Key Descriptors 452 x 128

-- 452

Key Descriptors 423 x 128

Key Descriptors 287 x 128

-- 423

-- 287

Key Descriptors 436 x 128

Key Descriptors 348 x 128

-- 436

-- 348

Key Descriptors 95 x 128

-- 95

Key Descriptors 898 x 128

-- 898

[Stage 0:=============================> (1 + 1) / 2]Key Descriptors 278 x 128

-- 278

Key Descriptors 218 x 128

-- 218

Key Descriptors 258 x 128

-- 258

Key Descriptors 220 x 128

-- 220

Key Descriptors 538 x 128

-- 538

17/02/15 21:55:33 INFO deprecation: mapred.tip.id is deprecated. Instead, use mapreduce.task.id

17/02/15 21:55:33 INFO deprecation: mapred.task.id is deprecated. Instead, use mapreduce.task.attempt.id

17/02/15 21:55:33 INFO deprecation: mapred.task.is.map is deprecated. Instead, use mapreduce.task.ismap

17/02/15 21:55:33 INFO deprecation: mapred.task.partition is deprecated. Instead, use mapreduce.task.partition

17/02/15 21:55:33 INFO deprecation: mapred.job.id is deprecated. Instead, use mapreduce.job.id

17/02/15 21:55:33 WARN TaskSetManager: Stage 1 contains a task of very large size (2745 KB). The maximum recommended task size is 100 KB.

17/02/15 21:55:33 INFO deprecation: mapred.output.dir is deprecated. Instead, use mapreduce.output.fileoutputformat.outputdir

17/02/15 21:55:33 INFO deprecation: mapred.output.key.class is deprecated. Instead, use mapreduce.job.output.key.class

17/02/15 21:55:33 INFO deprecation: mapred.output.value.class is deprecated. Instead, use mapreduce.job.output.value.class

17/02/15 21:55:33 INFO deprecation: mapred.working.dir is deprecated. Instead, use mapreduce.job.working.dir

17/02/15 21:55:34 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152155\_0001\_m\_000000\_2' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/features/\_temporary/0/task\_201702152155\_0001\_m\_000000

17/02/15 21:55:34 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152155\_0001\_m\_000001\_3' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/features/\_temporary/0/task\_201702152155\_0001\_m\_000001

17/02/15 21:55:34 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152155\_0001\_m\_000003\_5' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/features/\_temporary/0/task\_201702152155\_0001\_m\_000003

17/02/15 21:55:34 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152155\_0001\_m\_000002\_4' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/features/\_temporary/0/task\_201702152155\_0001\_m\_000002

Total size : 19031

17/02/15 21:55:34 WARN KMeans: The input data is not directly cached, which may hurt performance if its parent RDDs are also uncached.

17/02/15 21:55:35 INFO FileInputFormat: Total input paths to process : 4

17/02/15 21:55:37 WARN BLAS: Failed to load implementation from: com.github.fommil.netlib.NativeSystemBLAS

17/02/15 21:55:37 WARN BLAS: Failed to load implementation from: com.github.fommil.netlib.NativeRefBLAS

17/02/15 21:57:57 WARN KMeans: The input data was not directly cached, which may hurt performance if its parent RDDs are also uncached.

Within Set Sum of Squared Errors = 1.3324552832604256E9

17/02/15 21:57:59 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152157\_0057\_m\_000000\_226' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusters/metadata/\_temporary/0/task\_201702152157\_0057\_m\_000000

17/02/15 21:58:02 WARN TaskSetManager: Stage 58 contains a task of very large size (105 KB). The maximum recommended task size is 100 KB.

17/02/15 21:58:02 INFO deprecation: mapreduce.outputformat.class is deprecated. Instead, use mapreduce.job.outputformat.class

17/02/15 21:58:02 INFO CodecConfig: Compression: GZIP

17/02/15 21:58:02 INFO CodecConfig: Compression: GZIP

17/02/15 21:58:02 INFO CodecConfig: Compression: GZIP

17/02/15 21:58:02 INFO CodecConfig: Compression: GZIP

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Dictionary is on

17/02/15 21:58:02 INFO ParquetOutputFormat: Validation is off

17/02/15 21:58:02 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Dictionary is on

17/02/15 21:58:02 INFO ParquetOutputFormat: Validation is off

17/02/15 21:58:02 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Dictionary is on

17/02/15 21:58:02 INFO ParquetOutputFormat: Validation is off

17/02/15 21:58:02 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 21:58:02 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 21:58:02 INFO ParquetOutputFormat: Dictionary is on

17/02/15 21:58:02 INFO ParquetOutputFormat: Validation is off

17/02/15 21:58:02 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 21:58:03 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 21:58:03 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 21:58:03 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 21:58:03 INFO CodecPool: Got brand-new compressor [.gz]

[Stage 58:> (0 + 4) / 4]17/02/15 21:58:03 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 138,084

17/02/15 21:58:03 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 139,668

17/02/15 21:58:03 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 137,892

17/02/15 21:58:03 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 138,932

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".

SLF4J: Defaulting to no-operation (NOP) logger implementation

SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 214B for [id] INT32: 100 values, 407B raw, 178B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 214B for [id] INT32: 100 values, 407B raw, 178B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 218B for [id] INT32: 100 values, 407B raw, 182B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 216B for [id] INT32: 100 values, 407B raw, 180B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 62B for [point, type] INT32: 100 values, 10B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 62B for [point, type] INT32: 100 values, 10B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 62B for [point, type] INT32: 100 values, 10B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 50B for [point, size] INT32: 100 values, 7B raw, 27B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 62B for [point, type] INT32: 100 values, 10B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 50B for [point, size] INT32: 100 values, 7B raw, 27B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 50B for [point, size] INT32: 100 values, 7B raw, 27B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 53B for [point, indices, list, element] INT32: 100 values, 14B raw, 30B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 42,220B for [point, values, list, element] DOUBLE: 12,800 values, 102,912B raw, 42,173B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 53B for [point, indices, list, element] INT32: 100 values, 14B raw, 30B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 50B for [point, size] INT32: 100 values, 7B raw, 27B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 41,870B for [point, values, list, element] DOUBLE: 12,800 values, 102,912B raw, 41,823B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 53B for [point, indices, list, element] INT32: 100 values, 14B raw, 30B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 53B for [point, indices, list, element] INT32: 100 values, 14B raw, 30B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 41,944B for [point, values, list, element] DOUBLE: 12,800 values, 102,912B raw, 41,897B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO ColumnChunkPageWriteStore: written 41,737B for [point, values, list, element] DOUBLE: 12,800 values, 102,912B raw, 41,690B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 21:58:03 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0058\_m\_000000\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusters/data/\_temporary/0/task\_201702152158\_0058\_m\_000000

17/02/15 21:58:03 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0058\_m\_000002\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusters/data/\_temporary/0/task\_201702152158\_0058\_m\_000002

17/02/15 21:58:03 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0058\_m\_000001\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusters/data/\_temporary/0/task\_201702152158\_0058\_m\_000001

17/02/15 21:58:03 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0058\_m\_000003\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusters/data/\_temporary/0/task\_201702152158\_0058\_m\_000003

17/02/15 21:58:04 INFO ParquetFileReader: Initiating action with parallelism: 5

Saves Clusters to data/model/clusters

17/02/15 21:58:04 WARN TaskSetManager: Stage 59 contains a task of very large size (208 KB). The maximum recommended task size is 100 KB.

17/02/15 21:58:04 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0059\_m\_000000\_231' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusterCenters/\_temporary/0/task\_201702152158\_0059\_m\_000000

17/02/15 21:58:04 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0059\_m\_000003\_234' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusterCenters/\_temporary/0/task\_201702152158\_0059\_m\_000003

17/02/15 21:58:04 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0059\_m\_000001\_232' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusterCenters/\_temporary/0/task\_201702152158\_0059\_m\_000001

17/02/15 21:58:04 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0059\_m\_000002\_233' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/clusterCenters/\_temporary/0/task\_201702152158\_0059\_m\_000002

17/02/15 21:58:05 INFO FileInputFormat: Total input paths to process : 1

17/02/15 21:58:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 21:58:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 21:58:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 21:58:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 21:58:06 INFO deprecation: mapred.min.split.size is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize

17/02/15 21:58:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 21:58:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 21:58:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 21:58:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 21:58:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 21:58:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 21:58:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 21:58:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 21:58:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 21:58:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 21:58:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 21:58:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 21:58:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 21:58:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 21:58:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 21:58:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 21:58:06 INFO InternalParquetRecordReader: block read in memory in 47 ms. row count = 100

17/02/15 21:58:06 INFO InternalParquetRecordReader: block read in memory in 47 ms. row count = 100

17/02/15 21:58:06 INFO InternalParquetRecordReader: block read in memory in 47 ms. row count = 100

17/02/15 21:58:06 INFO InternalParquetRecordReader: block read in memory in 47 ms. row count = 100

400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0020920502, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0, 0.0020920502, 0.0, 0.0041841003, 0.0041841003, 0.0, 0.0041841003, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0062761502, 0.0041841003, 0.0062761502, 0.0020920502, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0041841003, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0041841003, 0.0, 0.0, 0.0, 0.0020920502, 0.0, 0.0041841003, 0.0041841003, 0.0020920502, 0.0, 0.0062761502, 0.0020920502, 0.0041841003, 0.0020920502, 0.0, 0.0020920502, 0.0041841003, 0.0020920502, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0041841003, 0.0062761502, 0.008368201, 0.0, 0.0020920502, 0.0062761502, 0.0, 0.008368201, 0.0020920502, 0.0020920502, 0.0, 0.0020920502, 0.0041841003, 0.0041841003, 0.0020920502, 0.0, 0.0062761502, 0.0, 0.0, 0.0041841003, 0.0, 0.0, 0.0041841003, 0.0041841003, 0.0, 0.008368201, 0.0041841003, 0.0, 0.0041841003, 0.0041841003, 0.0041841003, 0.0041841003, 0.0, 0.0062761502, 0.0062761502, 0.0020920502, 0.0041841003, 0.0, 0.0041841003, 0.0, 0.0, 0.0041841003, 0.0062761502, 0.0020920502, 0.0, 0.0, 0.0041841003, 0.0, 0.0, 0.008368201, 0.0062761502, 0.0062761502, 0.010460251, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0041841003, 0.0020920502, 0.008368201, 0.0041841003, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0, 0.0062761502, 0.0020920502, 0.0041841003, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0041841003, 0.0041841003, 0.0, 0.0041841003, 0.0, 0.0020920502, 0.0020920502, 0.008368201, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.008368201, 0.0, 0.0, 0.0020920502, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0041841003, 0.0020920502, 0.0041841003, 0.010460251, 0.0, 0.0041841003, 0.010460251, 0.0, 0.0041841003, 0.0062761502, 0.0041841003, 0.0, 0.0020920502, 0.0, 0.0, 0.0, 0.0041841003, 0.0, 0.0, 0.0, 0.0062761502, 0.0, 0.0062761502, 0.0062761502, 0.0041841003, 0.0, 0.0041841003, 0.0, 0.0020920502, 0.0041841003, 0.0062761502, 0.0, 0.0062761502, 0.0020920502, 0.0020920502, 0.0041841003, 0.0020920502, 0.0020920502, 0.0, 0.0041841003, 0.0020920502, 0.0041841003, 0.0020920502, 0.0020920502, 0.0, 0.008368201, 0.0041841003, 0.0020920502, 0.008368201, 0.0041841003, 0.0, 0.0, 0.0, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0041841003, 0.0, 0.0, 0.0020920502, 0.0062761502, 0.008368201, 0.0041841003, 0.0, 0.0041841003, 0.0020920502, 0.008368201, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0, 0.008368201, 0.0, 0.0020920502, 0.0, 0.0041841003, 0.0020920502, 0.0020920502, 0.0, 0.008368201, 0.008368201, 0.0020920502, 0.0062761502, 0.0020920502, 0.0041841003, 0.0, 0.0020920502, 0.0, 0.0, 0.0041841003, 0.0, 0.0, 0.0041841003, 0.0062761502, 0.0, 0.0020920502, 0.0062761502, 0.0062761502, 0.0020920502, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0020920502, 0.0, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0, 0.0, 0.0041841003, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0020920502, 0.0041841003, 0.0020920502, 0.0020920502, 0.0062761502, 0.0020920502, 0.0041841003, 0.0041841003, 0.0, 0.0, 0.0, 0.0, 0.0020920502, 0.0020920502, 0.0, 0.0, 0.0, 0.0020920502, 0.0, 0.0, 0.0062761502, 0.0062761502, 0.0041841003, 0.0020920502, 0.008368201, 0.0, 0.0062761502, 0.0, 0.0062761502, 0.0020920502, 0.0041841003, 0.0020920502, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0041841003, 0.0020920502, 0.0, 0.0, 0.0020920502, 0.0020920502, 0.0020920502, 0.0, 0.0041841003, 0.0, 0.0062761502, 0.0, 0.0020920502, 0.0, 0.0041841003, 0.0062761502, 0.0, 0.0, 0.0020920502, 0.010460251, 0.0, 0.0020920502, 0.0, 0.0, 0.0020920502, 0.0020920502, 0.0062761502, 0.0, 0.0020920502, 0.008368201, 0.0020920502, 0.0041841003, 0.0020920502, 0.0020920502, 0.0, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0041841003, 0.0020920502, 0.0062761502, 0.0020920502, 0.0, 0.0041841003, 0.0062761502, 0.008368201, 0.0041841003, 0.0, 0.0, 0.0020920502, 0.0020920502, 0.0, 0.016736401, 0.0020920502, 0.0125523005, 0.0062761502, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0020920502, 0.0062761502, 0.0020920502, 0.0041841003, 0.0, 0.0062761502, 0.0062761502, 0.0020920502, 0.0041841003, 0.0041841003, 0.0, 0.0041841003, 0.0020920502, 0.0062761502, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008368201, 0.0, 0.0, 0.0, 0.0020920502, 0.0, 0.0020920502, 0.0, 0.0, 0.0, 0.0020920502 ]

Histogram size : (400, 1)

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Histogram : [ 0.0, 0.001497006, 0.005988024, 0.001497006, 0.004491018, 0.001497006, 0.001497006, 0.00748503, 0.001497006, 0.001497006, 0.0, 0.0, 0.001497006, 0.00748503, 0.0, 0.001497006, 0.002994012, 0.00748503, 0.001497006, 0.002994012, 0.0, 0.002994012, 0.0, 0.001497006, 0.004491018, 0.002994012, 0.005988024, 0.005988024, 0.004491018, 0.005988024, 0.001497006, 0.0, 0.0, 0.002994012, 0.0, 0.004491018, 0.001497006, 0.0, 0.002994012, 0.004491018, 0.0, 0.005988024, 0.005988024, 0.002994012, 0.002994012, 0.002994012, 0.0, 0.001497006, 0.0, 0.005988024, 0.002994012, 0.004491018, 0.002994012, 0.005988024, 0.0, 0.0, 0.004491018, 0.002994012, 0.001497006, 0.001497006, 0.001497006, 0.004491018, 0.004491018, 0.001497006, 0.0, 0.0, 0.002994012, 0.002994012, 0.001497006, 0.001497006, 0.002994012, 0.0, 0.0, 0.005988024, 0.001497006, 0.004491018, 0.010479042, 0.002994012, 0.0, 0.004491018, 0.00748503, 0.002994012, 0.0, 0.004491018, 0.0, 0.001497006, 0.0, 0.002994012, 0.001497006, 0.005988024, 0.00748503, 0.001497006, 0.0, 0.002994012, 0.004491018, 0.002994012, 0.002994012, 0.004491018, 0.001497006, 0.001497006, 0.004491018, 0.001497006, 0.002994012, 0.00748503, 0.0, 0.0, 0.001497006, 0.001497006, 0.004491018, 0.002994012, 0.00748503, 0.001497006, 0.002994012, 0.0, 0.004491018, 0.001497006, 0.001497006, 0.0, 0.004491018, 0.002994012, 0.00748503, 0.001497006, 0.001497006, 0.0, 0.001497006, 0.0, 0.001497006, 0.0, 0.001497006, 0.001497006, 0.002994012, 0.002994012, 0.0, 0.002994012, 0.004491018, 0.002994012, 0.001497006, 0.002994012, 0.001497006, 0.0, 0.002994012, 0.001497006, 0.0, 0.001497006, 0.002994012, 0.001497006, 0.0, 0.001497006, 0.004491018, 0.004491018, 0.0, 0.004491018, 0.008982036, 0.001497006, 0.0, 0.0, 0.005988024, 0.001497006, 0.001497006, 0.002994012, 0.004491018, 0.0, 0.005988024, 0.001497006, 0.004491018, 0.0, 0.005988024, 0.0, 0.001497006, 0.004491018, 0.004491018, 0.0, 0.001497006, 0.0, 0.004491018, 0.001497006, 0.0, 0.005988024, 0.0, 0.004491018, 0.0, 0.001497006, 0.004491018, 0.002994012, 0.001497006, 0.0, 0.004491018, 0.004491018, 0.001497006, 0.001497006, 0.001497006, 0.001497006, 0.001497006, 0.001497006, 0.001497006, 0.0, 0.002994012, 0.0, 0.002994012, 0.002994012, 0.002994012, 0.001497006, 0.004491018, 0.0, 0.001497006, 0.002994012, 0.001497006, 0.002994012, 0.0, 0.002994012, 0.002994012, 0.001497006, 0.005988024, 0.00748503, 0.004491018, 0.002994012, 0.001497006, 0.001497006, 0.002994012, 0.002994012, 0.002994012, 0.004491018, 0.0, 0.001497006, 0.004491018, 0.00748503, 0.001497006, 0.008982036, 0.008982036, 0.001497006, 0.0, 0.0, 0.001497006, 0.005988024, 0.0, 0.002994012, 0.002994012, 0.001497006, 0.004491018, 0.002994012, 0.005988024, 0.0, 0.0, 0.002994012, 0.002994012, 0.0, 0.005988024, 0.0, 0.00748503, 0.004491018, 0.001497006, 0.002994012, 0.004491018, 0.004491018, 0.00748503, 0.002994012, 0.002994012, 0.0, 0.001497006, 0.001497006, 0.010479042, 0.001497006, 0.005988024, 0.005988024, 0.001497006, 0.0, 0.002994012, 0.00748503, 0.0, 0.005988024, 0.004491018, 0.002994012, 0.002994012, 0.001497006, 0.002994012, 0.001497006, 0.0, 0.001497006, 0.004491018, 0.001497006, 0.0, 0.0, 0.002994012, 0.00748503, 0.002994012, 0.001497006, 0.0, 0.0, 0.0, 0.002994012, 0.004491018, 0.0, 0.0, 0.004491018, 0.0, 0.0, 0.002994012, 0.001497006, 0.001497006, 0.002994012, 0.002994012, 0.0, 0.001497006, 0.004491018, 0.002994012, 0.0, 0.001497006, 0.001497006, 0.0, 0.0, 0.001497006, 0.0, 0.0, 0.001497006, 0.002994012, 0.0, 0.0, 0.001497006, 0.002994012, 0.001497006, 0.001497006, 0.0, 0.002994012, 0.004491018, 0.002994012, 0.001497006, 0.0, 0.002994012, 0.001497006, 0.002994012, 0.001497006, 0.0, 0.005988024, 0.002994012, 0.004491018, 0.001497006, 0.002994012, 0.0, 0.001497006, 0.001497006, 0.002994012, 0.001497006, 0.004491018, 0.0, 0.001497006, 0.004491018, 0.0, 0.004491018, 0.0, 0.001497006, 0.004491018, 0.005988024, 0.0, 0.001497006, 0.002994012, 0.001497006, 0.002994012, 0.001497006, 0.004491018, 0.002994012, 0.0, 0.001497006, 0.0, 0.004491018, 0.0, 0.001497006, 0.0, 0.004491018, 0.001497006, 0.002994012, 0.004491018, 0.005988024, 0.001497006, 0.0, 0.005988024, 0.002994012, 0.00748503, 0.001497006, 0.004491018, 0.001497006, 0.005988024, 0.002994012, 0.0, 0.0, 0.001497006, 0.001497006, 0.0, 0.004491018, 0.001497006, 0.0, 0.0, 0.001497006, 0.002994012, 0.00748503, 0.002994012, 0.001497006, 0.002994012, 0.001497006, 0.001497006, 0.004491018 ]

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400 5

400 5

[Stage 63:> (0 + 2) / 2]Histogram size : (400, 1)

Histogram : [ 0.0, 0.008108108, 0.0, 0.0027027028, 0.0, 0.0, 0.008108108, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.008108108, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.010810811, 0.0, 0.0, 0.0, 0.0054054055, 0.0054054055, 0.0027027028, 0.0054054055, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.021621622, 0.0, 0.013513514, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0, 0.013513514, 0.0, 0.0, 0.0027027028, 0.0, 0.010810811, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.008108108, 0.0054054055, 0.021621622, 0.008108108, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0054054055, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.0054054055, 0.008108108, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0054054055, 0.010810811, 0.0, 0.010810811, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.008108108, 0.0054054055, 0.0, 0.0027027028, 0.0027027028, 0.010810811, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008108108, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.008108108, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.008108108, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008108108, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0054054055, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.010810811, 0.0027027028, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0054054055, 0.0, 0.0027027028, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.010810811, 0.0027027028, 0.0, 0.008108108, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008108108, 0.0, 0.0027027028, 0.016216217, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.016216217, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.013513514, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.008108108, 0.0, 0.0, 0.0054054055, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0054054055, 0.0, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0, 0.008108108, 0.008108108, 0.0027027028, 0.010810811, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.029729731, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0054054055, 0.0027027028, 0.0054054055, 0.0, 0.0027027028, 0.0054054055 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0033557047, 0.0067114094, 0.0033557047, 0.013422819, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.010067115, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0067114094, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.013422819, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0067114094, 0.0, 0.0033557047, 0.010067115, 0.0033557047, 0.0, 0.013422819, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.010067115, 0.0, 0.013422819, 0.010067115, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.010067115, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0067114094, 0.0, 0.0, 0.0, 0.0033557047, 0.010067115, 0.0, 0.0, 0.0, 0.013422819, 0.0033557047, 0.0, 0.0, 0.0, 0.0033557047, 0.0067114094, 0.010067115, 0.0, 0.0, 0.0033557047, 0.013422819, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0067114094, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.013422819, 0.0033557047, 0.0, 0.0, 0.0067114094, 0.0, 0.0067114094, 0.0033557047, 0.0067114094, 0.010067115, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.010067115, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0067114094, 0.0, 0.0, 0.013422819, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0067114094, 0.0, 0.0067114094, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010067115, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0067114094, 0.0, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0, 0.0067114094, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0067114094, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0, 0.010067115, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.010067115, 0.0067114094, 0.0067114094, 0.0, 0.0033557047, 0.0, 0.010067115, 0.0033557047, 0.0033557047, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0, 0.0033557047, 0.0067114094, 0.0, 0.0, 0.0067114094, 0.0, 0.0033557047, 0.0067114094, 0.0033557047, 0.013422819, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0067114094, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.010067115, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0067114094, 0.0067114094, 0.010067115, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0, 0.0067114094, 0.0033557047, 0.0, 0.0, 0.0067114094, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0067114094, 0.010067115, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0067114094, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0067114094, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0067114094, 0.0033557047, 0.0067114094, 0.010067115, 0.013422819, 0.0067114094, 0.0, 0.0033557047, 0.016778523, 0.0033557047, 0.016778523, 0.0, 0.0033557047, 0.0033557047, 0.0, 0.0033557047, 0.0, 0.0, 0.0, 0.0033557047, 0.0033557047, 0.0033557047, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.025641026, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.025641026, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.010256411, 0.0, 0.0, 0.015384616, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.010256411, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.0, 0.0051282053, 0.0, 0.015384616, 0.010256411, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.015384616, 0.0, 0.0, 0.0051282053, 0.010256411, 0.0, 0.015384616, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0, 0.015384616, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.015384616, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.010256411, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.025641026, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0061983466, 0.0, 0.0020661156, 0.004132231, 0.0, 0.0061983466, 0.0, 0.0061983466, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0, 0.0, 0.0, 0.008264462, 0.0020661156, 0.0, 0.0, 0.0, 0.004132231, 0.008264462, 0.0020661156, 0.0, 0.0020661156, 0.0020661156, 0.0, 0.0061983466, 0.0020661156, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.0, 0.008264462, 0.0, 0.004132231, 0.0, 0.008264462, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008264462, 0.0, 0.0, 0.004132231, 0.0020661156, 0.0020661156, 0.0, 0.0, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.004132231, 0.010330578, 0.014462809, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.0061983466, 0.0061983466, 0.008264462, 0.0020661156, 0.004132231, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.0061983466, 0.0, 0.0, 0.004132231, 0.0, 0.0, 0.0, 0.0061983466, 0.0020661156, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0020661156, 0.0020661156, 0.0020661156, 0.0020661156, 0.0020661156, 0.004132231, 0.0020661156, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.0020661156, 0.0061983466, 0.0, 0.0020661156, 0.0, 0.010330578, 0.004132231, 0.0061983466, 0.004132231, 0.0, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0, 0.0020661156, 0.0020661156, 0.0061983466, 0.008264462, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0061983466, 0.0061983466, 0.0, 0.0020661156, 0.0, 0.004132231, 0.0061983466, 0.0, 0.0020661156, 0.0020661156, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.0, 0.0020661156, 0.004132231, 0.004132231, 0.0, 0.0020661156, 0.0, 0.004132231, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.014462809, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.008264462, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.0020661156, 0.0020661156, 0.0, 0.004132231, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.0, 0.010330578, 0.0, 0.0, 0.004132231, 0.004132231, 0.004132231, 0.0020661156, 0.0, 0.004132231, 0.0, 0.0, 0.0, 0.010330578, 0.0, 0.004132231, 0.0, 0.0, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.008264462, 0.0, 0.0, 0.0, 0.0, 0.004132231, 0.0020661156, 0.004132231, 0.0, 0.0, 0.0020661156, 0.0, 0.004132231, 0.004132231, 0.004132231, 0.0, 0.004132231, 0.008264462, 0.008264462, 0.0, 0.0020661156, 0.0061983466, 0.004132231, 0.0, 0.004132231, 0.0, 0.004132231, 0.0020661156, 0.004132231, 0.0, 0.0, 0.0, 0.0020661156, 0.004132231, 0.0, 0.004132231, 0.0020661156, 0.004132231, 0.004132231, 0.008264462, 0.0, 0.0020661156, 0.008264462, 0.0, 0.0020661156, 0.004132231, 0.0, 0.004132231, 0.0, 0.010330578, 0.004132231, 0.0061983466, 0.008264462, 0.004132231, 0.010330578, 0.004132231, 0.0, 0.0061983466, 0.0, 0.0, 0.0020661156, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0, 0.004132231, 0.0, 0.004132231, 0.010330578, 0.0061983466, 0.004132231, 0.008264462, 0.0, 0.0, 0.0020661156, 0.0061983466, 0.0, 0.0020661156, 0.0, 0.0, 0.014462809, 0.008264462, 0.0020661156, 0.008264462, 0.0020661156, 0.0, 0.0061983466, 0.008264462, 0.0020661156, 0.004132231, 0.012396693, 0.0, 0.0061983466, 0.008264462, 0.008264462, 0.0, 0.008264462, 0.0, 0.0020661156, 0.0061983466, 0.014462809, 0.0061983466, 0.0020661156, 0.0020661156, 0.0061983466, 0.0, 0.0020661156, 0.0020661156, 0.004132231, 0.0, 0.0, 0.008264462, 0.0, 0.004132231, 0.004132231, 0.0, 0.0, 0.0, 0.030991735, 0.0020661156, 0.0020661156, 0.0020661156, 0.0020661156, 0.0, 0.004132231, 0.0, 0.0061983466, 0.0, 0.0061983466, 0.0, 0.0020661156, 0.0020661156, 0.004132231, 0.0, 0.0, 0.0, 0.0061983466, 0.0020661156, 0.0, 0.0020661156, 0.0020661156, 0.0061983466, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.0, 0.0061983466, 0.0, 0.0, 0.004132231, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0020661156, 0.0, 0.0, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0020661156, 0.0, 0.0020661156, 0.008264462, 0.0, 0.0, 0.0061983466, 0.0, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.004132231, 0.0020661156, 0.0, 0.0, 0.0020661156, 0.0, 0.0020661156, 0.0, 0.0, 0.0, 0.008264462 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0875, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.075, 0.175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.025, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.025, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.15, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0375, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.009569378, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.009569378, 0.004784689, 0.014354067, 0.0, 0.004784689, 0.023923444, 0.009569378, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.0, 0.009569378, 0.0, 0.0, 0.023923444, 0.0, 0.0, 0.0, 0.004784689, 0.009569378, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.009569378, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.014354067, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.009569378, 0.0, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.009569378, 0.009569378, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.009569378, 0.004784689, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.009569378, 0.0, 0.009569378, 0.004784689, 0.009569378, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.019138755, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.009569378, 0.0, 0.0, 0.004784689, 0.004784689, 0.014354067, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.009569378, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.004784689, 0.009569378, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.009569378, 0.0, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.009569378, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.009569378, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014354067, 0.0, 0.0, 0.009569378, 0.004784689, 0.009569378, 0.0, 0.004784689, 0.009569378, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.0, 0.004784689, 0.0, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.009569378, 0.0, 0.0, 0.0, 0.009569378, 0.009569378, 0.009569378, 0.004784689, 0.0, 0.004784689, 0.0, 0.0, 0.014354067, 0.0, 0.0, 0.0, 0.0, 0.009569378, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.0, 0.0, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.009569378, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.009569378, 0.004784689, 0.009569378, 0.004784689, 0.004784689, 0.004784689, 0.0, 0.004784689, 0.0, 0.004784689, 0.0, 0.009569378, 0.0, 0.0, 0.009569378, 0.0, 0.0, 0.004784689, 0.0, 0.004784689, 0.004784689, 0.0, 0.0, 0.0, 0.0, 0.004784689, 0.0, 0.004784689 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.004, 0.016, 0.008, 0.0, 0.012, 0.0, 0.012, 0.004, 0.0, 0.008, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.048, 0.0, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.004, 0.008, 0.004, 0.0, 0.012, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.012, 0.0, 0.0, 0.004, 0.0, 0.0, 0.016, 0.008, 0.0, 0.004, 0.004, 0.004, 0.004, 0.008, 0.008, 0.004, 0.0, 0.008, 0.004, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.012, 0.028, 0.024, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.012, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.004, 0.008, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012, 0.0, 0.0, 0.0, 0.012, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.012, 0.004, 0.0, 0.012, 0.0, 0.0, 0.004, 0.004, 0.008, 0.012, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.008, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.012, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.008, 0.016, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.008, 0.004, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.016, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.008, 0.0, 0.0, 0.004, 0.0, 0.008, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.004, 0.004, 0.0, 0.0, 0.012, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.008, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.004, 0.024, 0.008, 0.008, 0.0, 0.0, 0.0, 0.0, 0.016, 0.0, 0.004, 0.004, 0.0, 0.008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.036000002, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.012, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0064935065, 0.0064935065, 0.0064935065, 0.0032467532, 0.0, 0.012987013, 0.0, 0.0064935065, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0097402595, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.012987013, 0.0032467532, 0.012987013, 0.0032467532, 0.0064935065, 0.0, 0.0064935065, 0.0, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0032467532, 0.0032467532, 0.0032467532, 0.0097402595, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0064935065, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0097402595, 0.0, 0.0032467532, 0.012987013, 0.0, 0.012987013, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0097402595, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0097402595, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0097402595, 0.0064935065, 0.0097402595, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0097402595, 0.012987013, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.016233766, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0064935065, 0.016233766, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.012987013, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.012987013, 0.0032467532, 0.0097402595, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0097402595, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0064935065, 0.0, 0.0032467532, 0.012987013, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0064935065, 0.0097402595, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0032467532, 0.0, 0.0097402595, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.012987013, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0, 0.0064935065, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.016233766, 0.0032467532, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.0064935065, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.016233766, 0.012987013, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0064935065, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.012987013, 0.0064935065, 0.0, 0.0032467532, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0048076925, 0.0, 0.0, 0.0, 0.014423078, 0.0048076925, 0.014423078, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014423078, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009615385, 0.009615385, 0.0, 0.0, 0.0, 0.0048076925, 0.009615385, 0.014423078, 0.0, 0.0048076925, 0.009615385, 0.0, 0.0, 0.009615385, 0.0048076925, 0.0, 0.0, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.01923077, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.009615385, 0.014423078, 0.0, 0.009615385, 0.0, 0.0, 0.0, 0.009615385, 0.0, 0.014423078, 0.0, 0.0048076925, 0.0, 0.009615385, 0.0, 0.009615385, 0.0, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.01923077, 0.0, 0.0, 0.014423078, 0.009615385, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.009615385, 0.009615385, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.009615385, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.009615385, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.009615385, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.009615385, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.009615385, 0.009615385, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.009615385, 0.0048076925, 0.0, 0.0, 0.0, 0.009615385, 0.009615385, 0.0048076925, 0.0048076925, 0.009615385, 0.0048076925, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.009615385, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.009615385, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.009615385, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.009615385, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01923077, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.014423078, 0.014423078, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0048076925, 0.014423078, 0.0, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0048076925, 0.014423078, 0.014423078, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0, 0.0048076925, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0048076925, 0.0048076925, 0.0, 0.0, 0.0048076925 ]

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Histogram size : (400, 1)

Histogram : [ 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.010600707, 0.003533569, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.010600707, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.007067138, 0.0, 0.003533569, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.010600707, 0.003533569, 0.0, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.003533569, 0.0, 0.0, 0.007067138, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.014134276, 0.007067138, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.003533569, 0.0, 0.007067138, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.010600707, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.010600707, 0.0, 0.003533569, 0.0, 0.010600707, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.007067138, 0.007067138, 0.0, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.007067138, 0.010600707, 0.017667845, 0.007067138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010600707, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.007067138, 0.007067138, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.007067138, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.007067138, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.010600707, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.007067138, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.014134276, 0.007067138, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.010600707, 0.003533569, 0.003533569, 0.003533569, 0.010600707, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.007067138, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.010600707, 0.003533569, 0.003533569, 0.003533569, 0.007067138, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.010600707, 0.003533569, 0.003533569, 0.0, 0.0, 0.007067138, 0.007067138, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.010600707, 0.0, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.007067138, 0.007067138, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.007067138, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0054644807, 0.0054644807, 0.010928961, 0.016393442, 0.0, 0.0, 0.0054644807, 0.0, 0.021857923, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0054644807, 0.0, 0.0, 0.010928961, 0.010928961, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.021857923, 0.0, 0.0, 0.010928961, 0.010928961, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.010928961, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.016393442, 0.0, 0.0, 0.021857923, 0.0, 0.0, 0.021857923, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0054644807, 0.010928961, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.010928961, 0.010928961, 0.0, 0.0, 0.0054644807, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.0054644807, 0.010928961, 0.0, 0.0054644807, 0.0054644807, 0.016393442, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.010928961, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.027322404, 0.0, 0.0, 0.0054644807, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.021857923, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.016393442, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.038251366, 0.0, 0.0, 0.0, 0.0, 0.016393442, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.010928961, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.005357143, 0.0035714286, 0.0035714286, 0.0017857143, 0.0017857143, 0.0, 0.005357143, 0.0017857143, 0.0017857143, 0.0035714286, 0.0017857143, 0.0017857143, 0.0017857143, 0.0017857143, 0.0, 0.0, 0.0035714286, 0.0017857143, 0.005357143, 0.0035714286, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.007142857, 0.0017857143, 0.0017857143, 0.007142857, 0.010714286, 0.0017857143, 0.005357143, 0.005357143, 0.0, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0017857143, 0.005357143, 0.0017857143, 0.0, 0.005357143, 0.0017857143, 0.0035714286, 0.0017857143, 0.005357143, 0.0017857143, 0.0, 0.0035714286, 0.007142857, 0.0017857143, 0.008928572, 0.005357143, 0.0, 0.0, 0.005357143, 0.0035714286, 0.0017857143, 0.0, 0.0017857143, 0.0, 0.0, 0.0, 0.0017857143, 0.0035714286, 0.0035714286, 0.0017857143, 0.0, 0.0017857143, 0.0017857143, 0.007142857, 0.0, 0.0017857143, 0.005357143, 0.0017857143, 0.010714286, 0.0017857143, 0.005357143, 0.0017857143, 0.0017857143, 0.0, 0.005357143, 0.0, 0.0017857143, 0.0017857143, 0.005357143, 0.0017857143, 0.0, 0.0035714286, 0.008928572, 0.0017857143, 0.005357143, 0.0, 0.005357143, 0.0017857143, 0.0, 0.010714286, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0035714286, 0.0017857143, 0.007142857, 0.0035714286, 0.005357143, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.005357143, 0.0017857143, 0.0035714286, 0.0035714286, 0.0, 0.005357143, 0.0035714286, 0.0017857143, 0.0, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.0035714286, 0.0017857143, 0.0035714286, 0.0017857143, 0.0017857143, 0.0017857143, 0.0017857143, 0.0035714286, 0.0, 0.0, 0.0, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.0, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0, 0.0017857143, 0.0, 0.005357143, 0.005357143, 0.005357143, 0.005357143, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0035714286, 0.0017857143, 0.005357143, 0.0, 0.0017857143, 0.0, 0.007142857, 0.0, 0.0017857143, 0.0017857143, 0.005357143, 0.0, 0.0035714286, 0.0035714286, 0.0017857143, 0.0, 0.0, 0.0017857143, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.010714286, 0.005357143, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.0, 0.0035714286, 0.0017857143, 0.0017857143, 0.0035714286, 0.0017857143, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.005357143, 0.007142857, 0.0017857143, 0.0017857143, 0.0017857143, 0.005357143, 0.0017857143, 0.0017857143, 0.0017857143, 0.005357143, 0.0035714286, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.005357143, 0.0035714286, 0.005357143, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0017857143, 0.0, 0.0, 0.0035714286, 0.0017857143, 0.0017857143, 0.008928572, 0.007142857, 0.0017857143, 0.0035714286, 0.008928572, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0017857143, 0.0035714286, 0.0017857143, 0.0, 0.0017857143, 0.0, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0017857143, 0.0035714286, 0.0, 0.0, 0.0017857143, 0.0035714286, 0.010714286, 0.0017857143, 0.0, 0.0, 0.0017857143, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.0035714286, 0.0017857143, 0.005357143, 0.0, 0.005357143, 0.0, 0.007142857, 0.0035714286, 0.0017857143, 0.0035714286, 0.0, 0.0035714286, 0.0, 0.0035714286, 0.0, 0.0035714286, 0.0035714286, 0.005357143, 0.005357143, 0.0035714286, 0.005357143, 0.0035714286, 0.0, 0.0, 0.0035714286, 0.0035714286, 0.0035714286, 0.0017857143, 0.0, 0.0017857143, 0.0017857143, 0.0017857143, 0.005357143, 0.0017857143, 0.0017857143, 0.0035714286, 0.0017857143, 0.0017857143, 0.0017857143, 0.0, 0.0, 0.0017857143, 0.0035714286, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0035714286, 0.0017857143, 0.005357143, 0.0, 0.0035714286, 0.005357143, 0.0035714286, 0.0035714286, 0.0035714286, 0.0035714286, 0.0017857143, 0.0, 0.0035714286, 0.0, 0.0, 0.0017857143, 0.0, 0.0017857143, 0.0017857143, 0.0017857143, 0.0035714286, 0.0035714286, 0.0035714286, 0.0, 0.0035714286, 0.005357143, 0.0017857143, 0.0, 0.0035714286, 0.0035714286, 0.0017857143, 0.0017857143, 0.0, 0.0017857143, 0.008928572, 0.0035714286, 0.0, 0.0017857143, 0.0017857143, 0.0035714286, 0.0, 0.0, 0.0, 0.005357143, 0.0035714286, 0.0017857143, 0.008928572, 0.0017857143, 0.007142857, 0.0017857143, 0.0017857143, 0.0017857143, 0.0035714286, 0.0017857143, 0.0017857143, 0.008928572, 0.0035714286, 0.0017857143, 0.0035714286, 0.007142857, 0.0, 0.010714286, 0.0, 0.0017857143, 0.0017857143, 0.0017857143, 0.0017857143, 0.0, 0.0, 0.0017857143 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.0, 0.006024096, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006024096, 0.003012048, 0.0, 0.0, 0.003012048, 0.003012048, 0.0, 0.003012048, 0.003012048, 0.003012048, 0.0, 0.0, 0.006024096, 0.0, 0.009036144, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012048192, 0.0, 0.0, 0.003012048, 0.003012048, 0.0, 0.0, 0.003012048, 0.0, 0.0, 0.012048192, 0.0, 0.012048192, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.012048192, 0.003012048, 0.006024096, 0.003012048, 0.003012048, 0.006024096, 0.009036144, 0.0, 0.006024096, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.003012048, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.003012048, 0.006024096, 0.009036144, 0.003012048, 0.0, 0.0, 0.01506024, 0.009036144, 0.003012048, 0.0, 0.003012048, 0.003012048, 0.024096385, 0.0, 0.006024096, 0.003012048, 0.0, 0.003012048, 0.0, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.0, 0.0, 0.006024096, 0.003012048, 0.006024096, 0.0, 0.003012048, 0.0, 0.0, 0.012048192, 0.006024096, 0.006024096, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.006024096, 0.003012048, 0.003012048, 0.006024096, 0.003012048, 0.003012048, 0.0, 0.003012048, 0.0, 0.006024096, 0.0, 0.006024096, 0.0, 0.003012048, 0.009036144, 0.003012048, 0.0, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.006024096, 0.0, 0.003012048, 0.0, 0.003012048, 0.012048192, 0.0, 0.012048192, 0.0, 0.006024096, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.0, 0.006024096, 0.003012048, 0.006024096, 0.0, 0.0, 0.009036144, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.003012048, 0.006024096, 0.0, 0.006024096, 0.0, 0.006024096, 0.006024096, 0.012048192, 0.006024096, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006024096, 0.003012048, 0.0, 0.003012048, 0.0, 0.006024096, 0.0, 0.003012048, 0.0, 0.0, 0.003012048, 0.006024096, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.003012048, 0.006024096, 0.0, 0.003012048, 0.006024096, 0.006024096, 0.006024096, 0.003012048, 0.003012048, 0.003012048, 0.0, 0.018072288, 0.009036144, 0.006024096, 0.003012048, 0.0, 0.0, 0.009036144, 0.006024096, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.003012048, 0.006024096, 0.0, 0.0, 0.0, 0.006024096, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.009036144, 0.003012048, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.012048192, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.009036144, 0.0, 0.006024096, 0.003012048, 0.006024096, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006024096, 0.0, 0.0, 0.003012048, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.003012048, 0.003012048, 0.003012048, 0.0, 0.0, 0.006024096, 0.003012048, 0.0, 0.0, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.003012048, 0.0, 0.0, 0.0, 0.003012048, 0.006024096, 0.0, 0.006024096, 0.0, 0.006024096, 0.0, 0.0, 0.0, 0.006024096, 0.006024096, 0.003012048, 0.003012048, 0.009036144, 0.0, 0.006024096, 0.0, 0.003012048, 0.003012048, 0.0, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.006024096, 0.003012048, 0.003012048, 0.0, 0.0, 0.003012048, 0.012048192, 0.0, 0.006024096, 0.003012048, 0.009036144, 0.0, 0.003012048, 0.003012048, 0.0, 0.0, 0.0, 0.0, 0.003012048, 0.006024096, 0.003012048, 0.0, 0.0, 0.006024096, 0.0, 0.0, 0.006024096, 0.0, 0.003012048, 0.003012048, 0.0, 0.0, 0.003012048, 0.009036144, 0.0, 0.0, 0.003012048, 0.0, 0.003012048, 0.0, 0.003012048, 0.003012048, 0.009036144, 0.0, 0.0, 0.006024096, 0.0, 0.0, 0.009036144, 0.003012048, 0.0, 0.0, 0.0, 0.006024096, 0.006024096, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0073891627, 0.0, 0.0049261083, 0.0, 0.0, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0, 0.0073891627, 0.0, 0.0123152705, 0.0, 0.0024630541, 0.0073891627, 0.0, 0.0, 0.0, 0.0, 0.0049261083, 0.0, 0.0024630541, 0.009852217, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0049261083, 0.0024630541, 0.0049261083, 0.0, 0.0, 0.0, 0.0024630541, 0.0, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0, 0.0049261083, 0.0, 0.0024630541, 0.0, 0.0, 0.0, 0.0024630541, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0, 0.022167487, 0.0049261083, 0.0049261083, 0.0024630541, 0.0, 0.0073891627, 0.009852217, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0049261083, 0.0, 0.0073891627, 0.0024630541, 0.0024630541, 0.0, 0.009852217, 0.0, 0.0, 0.0, 0.0049261083, 0.0049261083, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0, 0.0049261083, 0.0024630541, 0.0049261083, 0.0049261083, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0049261083, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.0024630541, 0.0073891627, 0.01724138, 0.0, 0.0, 0.0, 0.0049261083, 0.0, 0.0049261083, 0.009852217, 0.0, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0, 0.01724138, 0.0024630541, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0, 0.0, 0.0, 0.0073891627, 0.0024630541, 0.0, 0.0, 0.009852217, 0.0, 0.0, 0.0024630541, 0.0, 0.0073891627, 0.0024630541, 0.0, 0.0, 0.0024630541, 0.0, 0.0073891627, 0.0024630541, 0.009852217, 0.0, 0.0049261083, 0.0049261083, 0.0049261083, 0.0073891627, 0.0123152705, 0.0, 0.0024630541, 0.009852217, 0.0049261083, 0.0049261083, 0.0, 0.0073891627, 0.0, 0.0, 0.0024630541, 0.0, 0.0024630541, 0.009852217, 0.0, 0.0049261083, 0.0024630541, 0.0, 0.0049261083, 0.0073891627, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0049261083, 0.0, 0.0024630541, 0.0024630541, 0.009852217, 0.0, 0.0, 0.0049261083, 0.0024630541, 0.0049261083, 0.0, 0.0, 0.0, 0.0024630541, 0.0049261083, 0.0, 0.0049261083, 0.0024630541, 0.0024630541, 0.0049261083, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0049261083, 0.0, 0.0, 0.0049261083, 0.0, 0.0, 0.0073891627, 0.0049261083, 0.0, 0.0024630541, 0.0073891627, 0.0073891627, 0.009852217, 0.0, 0.0, 0.0073891627, 0.0024630541, 0.0, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0073891627, 0.0049261083, 0.009852217, 0.0024630541, 0.0, 0.0049261083, 0.0, 0.0073891627, 0.0049261083, 0.0073891627, 0.0049261083, 0.0073891627, 0.0073891627, 0.0024630541, 0.0, 0.0024630541, 0.0049261083, 0.0, 0.0024630541, 0.0049261083, 0.0024630541, 0.0, 0.0073891627, 0.0, 0.0, 0.0, 0.0049261083, 0.0049261083, 0.0024630541, 0.0, 0.0, 0.0049261083, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0024630541, 0.0049261083, 0.0, 0.0, 0.0, 0.0, 0.009852217, 0.0, 0.0, 0.0049261083, 0.0049261083, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.0049261083, 0.0024630541, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0073891627, 0.0024630541, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0049261083, 0.0, 0.0024630541, 0.0049261083, 0.0, 0.0073891627, 0.0, 0.0, 0.0049261083, 0.0024630541, 0.0, 0.0, 0.0024630541, 0.0, 0.0, 0.0073891627, 0.0049261083, 0.0, 0.0, 0.0024630541, 0.009852217, 0.0073891627, 0.0024630541, 0.0024630541, 0.0, 0.0, 0.0024630541, 0.0, 0.014778325, 0.0, 0.0024630541, 0.0049261083, 0.0024630541, 0.0049261083, 0.0049261083, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0024630541, 0.0024630541, 0.0073891627, 0.0049261083, 0.0024630541, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0073891627, 0.0, 0.009852217, 0.0024630541, 0.0024630541, 0.0024630541, 0.0, 0.0024630541, 0.0024630541, 0.0, 0.0024630541, 0.0, 0.0, 0.009852217, 0.0, 0.0049261083 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0030674846, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0, 0.006134969, 0.0030674846, 0.0030674846, 0.006134969, 0.0, 0.009202454, 0.0, 0.0030674846, 0.0030674846, 0.006134969, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.0030674846, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.009202454, 0.0030674846, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.006134969, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.0, 0.006134969, 0.0, 0.0030674846, 0.0030674846, 0.0030674846, 0.006134969, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006134969, 0.0030674846, 0.0, 0.0030674846, 0.0030674846, 0.0030674846, 0.0, 0.009202454, 0.0, 0.0, 0.006134969, 0.006134969, 0.0, 0.006134969, 0.006134969, 0.0, 0.0030674846, 0.0, 0.009202454, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0, 0.012269938, 0.0030674846, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.009202454, 0.0, 0.012269938, 0.0, 0.0030674846, 0.0, 0.0, 0.009202454, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.009202454, 0.0, 0.006134969, 0.0030674846, 0.0, 0.0, 0.006134969, 0.006134969, 0.0030674846, 0.009202454, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.009202454, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.009202454, 0.006134969, 0.0030674846, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.006134969, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006134969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012269938, 0.006134969, 0.0, 0.0, 0.012269938, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0030674846, 0.0030674846, 0.0030674846, 0.006134969, 0.0030674846, 0.0, 0.0, 0.0, 0.009202454, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.012269938, 0.0030674846, 0.0, 0.006134969, 0.006134969, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0030674846, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006134969, 0.006134969, 0.0030674846, 0.0030674846, 0.009202454, 0.0, 0.006134969, 0.0, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.009202454, 0.006134969, 0.0, 0.006134969, 0.0, 0.024539877, 0.0, 0.0, 0.0, 0.006134969, 0.0030674846, 0.0030674846, 0.006134969, 0.006134969, 0.0, 0.009202454, 0.0030674846, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.009202454, 0.006134969, 0.0030674846, 0.0, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.006134969, 0.009202454, 0.0, 0.009202454, 0.0030674846, 0.0, 0.006134969, 0.0, 0.006134969, 0.0030674846, 0.0, 0.0, 0.006134969, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0, 0.006134969, 0.0, 0.0030674846, 0.006134969, 0.0, 0.0, 0.0, 0.006134969, 0.0030674846, 0.0, 0.0, 0.018404908, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.006134969, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0, 0.0030674846, 0.006134969, 0.0, 0.006134969, 0.009202454, 0.0030674846, 0.0030674846, 0.006134969, 0.0, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0, 0.0030674846, 0.0030674846, 0.006134969, 0.0030674846, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.0030674846, 0.0, 0.0, 0.0, 0.0, 0.009202454, 0.0030674846, 0.0, 0.0, 0.0, 0.0030674846, 0.0030674846, 0.0030674846 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.004672897, 0.0023364485, 0.0, 0.0070093456, 0.0, 0.009345794, 0.0023364485, 0.0070093456, 0.0, 0.0, 0.01635514, 0.004672897, 0.004672897, 0.004672897, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0, 0.0070093456, 0.014018691, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0, 0.0, 0.004672897, 0.0, 0.0023364485, 0.004672897, 0.0, 0.0, 0.0, 0.0, 0.004672897, 0.0023364485, 0.0, 0.004672897, 0.0023364485, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.009345794, 0.0, 0.0023364485, 0.0070093456, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.0023364485, 0.004672897, 0.0, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.004672897, 0.0, 0.0023364485, 0.0, 0.0070093456, 0.0023364485, 0.009345794, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.009345794, 0.0023364485, 0.0, 0.011682242, 0.009345794, 0.0, 0.004672897, 0.0, 0.0023364485, 0.0023364485, 0.0023364485, 0.011682242, 0.004672897, 0.0, 0.0070093456, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.004672897, 0.0023364485, 0.0, 0.004672897, 0.0, 0.004672897, 0.0023364485, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0070093456, 0.0023364485, 0.0, 0.0023364485, 0.0070093456, 0.004672897, 0.004672897, 0.0023364485, 0.004672897, 0.0, 0.0, 0.0023364485, 0.004672897, 0.0, 0.004672897, 0.004672897, 0.0023364485, 0.004672897, 0.0, 0.0, 0.0, 0.0023364485, 0.004672897, 0.004672897, 0.004672897, 0.0023364485, 0.004672897, 0.0, 0.0, 0.004672897, 0.0, 0.0023364485, 0.004672897, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0070093456, 0.0, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0070093456, 0.0023364485, 0.0, 0.0, 0.009345794, 0.004672897, 0.0023364485, 0.0023364485, 0.0070093456, 0.009345794, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0, 0.0070093456, 0.004672897, 0.0, 0.0, 0.0, 0.0023364485, 0.004672897, 0.0, 0.004672897, 0.0, 0.011682242, 0.004672897, 0.004672897, 0.0, 0.0023364485, 0.004672897, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.004672897, 0.0070093456, 0.004672897, 0.0, 0.009345794, 0.0070093456, 0.0, 0.0070093456, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0, 0.0070093456, 0.004672897, 0.0, 0.0, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0070093456, 0.004672897, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004672897, 0.0070093456, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.009345794, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.004672897, 0.0023364485, 0.004672897, 0.0023364485, 0.0023364485, 0.004672897, 0.0023364485, 0.004672897, 0.004672897, 0.0, 0.0, 0.009345794, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0, 0.004672897, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0070093456, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0, 0.004672897, 0.004672897, 0.0023364485, 0.0023364485, 0.0023364485, 0.004672897, 0.0, 0.0, 0.009345794, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0070093456, 0.0023364485, 0.014018691, 0.0023364485, 0.0070093456, 0.0023364485, 0.0, 0.0, 0.0, 0.004672897, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.004672897, 0.0070093456, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.0070093456, 0.0023364485, 0.004672897, 0.009345794, 0.0023364485, 0.0023364485, 0.0070093456, 0.0023364485, 0.0, 0.009345794, 0.0023364485, 0.0023364485, 0.0, 0.009345794, 0.0, 0.0, 0.0, 0.0, 0.0023364485, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0070093456, 0.0, 0.0, 0.0, 0.0, 0.0023364485, 0.0070093456, 0.0023364485, 0.004672897, 0.0, 0.0, 0.0, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0023364485, 0.004672897, 0.0023364485, 0.0023364485, 0.004672897, 0.0, 0.0, 0.004672897, 0.0, 0.0070093456, 0.0023364485, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0023364485, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004672897, 0.0, 0.0070093456, 0.004672897, 0.0, 0.0070093456, 0.0023364485, 0.0, 0.009345794, 0.0, 0.0, 0.0, 0.004672897, 0.0, 0.004672897, 0.0, 0.0, 0.0023364485, 0.004672897 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.004016064, 0.0, 0.004016064, 0.006024096, 0.002008032, 0.0, 0.0, 0.0, 0.0, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.006024096, 0.002008032, 0.002008032, 0.002008032, 0.014056224, 0.002008032, 0.0, 0.002008032, 0.004016064, 0.0, 0.006024096, 0.0, 0.0, 0.0, 0.002008032, 0.0, 0.014056224, 0.004016064, 0.004016064, 0.008032128, 0.004016064, 0.002008032, 0.006024096, 0.002008032, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01004016, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.002008032, 0.008032128, 0.002008032, 0.004016064, 0.0, 0.002008032, 0.002008032, 0.002008032, 0.002008032, 0.0, 0.006024096, 0.0, 0.0, 0.002008032, 0.0, 0.002008032, 0.004016064, 0.0, 0.002008032, 0.0, 0.002008032, 0.0, 0.002008032, 0.002008032, 0.0, 0.006024096, 0.006024096, 0.002008032, 0.004016064, 0.0, 0.004016064, 0.002008032, 0.006024096, 0.0, 0.0, 0.0, 0.004016064, 0.002008032, 0.0, 0.006024096, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.002008032, 0.002008032, 0.014056224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.012048192, 0.0, 0.006024096, 0.004016064, 0.004016064, 0.0, 0.0, 0.002008032, 0.002008032, 0.002008032, 0.002008032, 0.004016064, 0.0, 0.004016064, 0.006024096, 0.002008032, 0.002008032, 0.0, 0.004016064, 0.0, 0.0, 0.002008032, 0.0, 0.002008032, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.008032128, 0.006024096, 0.004016064, 0.006024096, 0.002008032, 0.004016064, 0.0, 0.0, 0.0, 0.002008032, 0.002008032, 0.008032128, 0.004016064, 0.002008032, 0.002008032, 0.006024096, 0.01004016, 0.0, 0.006024096, 0.0, 0.002008032, 0.006024096, 0.0, 0.002008032, 0.002008032, 0.002008032, 0.0, 0.002008032, 0.008032128, 0.0, 0.008032128, 0.002008032, 0.01004016, 0.002008032, 0.006024096, 0.002008032, 0.008032128, 0.0, 0.0, 0.0, 0.002008032, 0.002008032, 0.002008032, 0.004016064, 0.0, 0.0, 0.0, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.002008032, 0.004016064, 0.004016064, 0.002008032, 0.006024096, 0.0, 0.002008032, 0.006024096, 0.002008032, 0.006024096, 0.0, 0.002008032, 0.0, 0.0, 0.0, 0.0, 0.002008032, 0.0, 0.0, 0.0, 0.0, 0.002008032, 0.0, 0.002008032, 0.0, 0.002008032, 0.002008032, 0.006024096, 0.0, 0.004016064, 0.0, 0.004016064, 0.0, 0.002008032, 0.004016064, 0.006024096, 0.002008032, 0.004016064, 0.0, 0.008032128, 0.006024096, 0.002008032, 0.004016064, 0.01004016, 0.01004016, 0.0, 0.002008032, 0.002008032, 0.0, 0.0, 0.002008032, 0.002008032, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002008032, 0.006024096, 0.004016064, 0.0, 0.002008032, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.002008032, 0.006024096, 0.008032128, 0.0, 0.0, 0.006024096, 0.006024096, 0.002008032, 0.008032128, 0.002008032, 0.01004016, 0.0, 0.0, 0.0, 0.008032128, 0.004016064, 0.0, 0.004016064, 0.0, 0.006024096, 0.006024096, 0.0, 0.0, 0.006024096, 0.0, 0.004016064, 0.0, 0.0, 0.002008032, 0.0, 0.0, 0.002008032, 0.0, 0.008032128, 0.002008032, 0.002008032, 0.002008032, 0.002008032, 0.0, 0.002008032, 0.0, 0.004016064, 0.004016064, 0.006024096, 0.01004016, 0.014056224, 0.004016064, 0.008032128, 0.002008032, 0.0, 0.0, 0.002008032, 0.004016064, 0.002008032, 0.002008032, 0.0, 0.0, 0.004016064, 0.004016064, 0.002008032, 0.0, 0.0, 0.0, 0.002008032, 0.006024096, 0.008032128, 0.0, 0.0, 0.006024096, 0.002008032, 0.0, 0.002008032, 0.002008032, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.004016064, 0.002008032, 0.0, 0.0, 0.0, 0.004016064, 0.006024096, 0.0, 0.002008032, 0.006024096, 0.0, 0.002008032, 0.008032128, 0.004016064, 0.002008032, 0.002008032, 0.004016064, 0.004016064, 0.0, 0.006024096, 0.006024096, 0.002008032, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.002008032, 0.002008032, 0.0, 0.0, 0.0, 0.004016064, 0.002008032, 0.004016064, 0.002008032, 0.0, 0.0, 0.004016064, 0.01004016, 0.004016064, 0.006024096, 0.0, 0.002008032, 0.0, 0.004016064, 0.002008032, 0.002008032, 0.002008032, 0.0, 0.006024096, 0.002008032, 0.008032128, 0.0, 0.0, 0.002008032, 0.0, 0.004016064, 0.006024096, 0.002008032, 0.002008032, 0.0, 0.0, 0.002008032, 0.006024096 ]

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Histogram size : (400, 1)

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0058224164, 0.0043668123, 0.0014556041, 0.0014556041, 0.0014556041, 0.0, 0.0014556041, 0.0014556041, 0.0043668123, 0.0014556041, 0.0, 0.0043668123, 0.0043668123, 0.0043668123, 0.0014556041, 0.0043668123, 0.0, 0.0014556041, 0.0029112082, 0.0029112082, 0.0058224164, 0.0029112082, 0.0029112082, 0.0043668123, 0.0, 0.0029112082, 0.0029112082, 0.0029112082, 0.0014556041, 0.0, 0.0072780205, 0.0029112082, 0.0014556041, 0.0, 0.0029112082, 0.0029112082, 0.0058224164, 0.0, 0.0, 0.0014556041, 0.0029112082, 0.0029112082, 0.0043668123, 0.0029112082, 0.0029112082, 0.0, 0.0, 0.0043668123, 0.0014556041, 0.0014556041, 0.0029112082, 0.0, 0.0014556041, 0.0029112082, 0.0014556041, 0.0029112082, 0.0043668123, 0.0029112082, 0.0014556041, 0.0, 0.0058224164, 0.0043668123, 0.0058224164, 0.0, 0.0029112082, 0.0029112082, 0.0072780205, 0.0, 0.0, 0.0014556041, 0.0029112082, 0.0, 0.0058224164, 0.0, 0.0029112082, 0.0, 0.0, 0.0, 0.0029112082, 0.0043668123, 0.0, 0.0029112082, 0.0043668123, 0.0, 0.0058224164, 0.0, 0.0014556041, 0.0058224164, 0.0, 0.0014556041, 0.0043668123, 0.0014556041, 0.0, 0.0029112082, 0.0029112082, 0.0029112082, 0.0014556041, 0.0029112082, 0.0058224164, 0.0, 0.0014556041, 0.0043668123, 0.0029112082, 0.0029112082, 0.0014556041, 0.0, 0.0029112082, 0.0029112082, 0.0029112082, 0.0029112082, 0.0014556041, 0.0, 0.0014556041, 0.0058224164, 0.0, 0.0043668123, 0.0014556041, 0.0, 0.0043668123, 0.0014556041, 0.0, 0.0014556041, 0.0029112082, 0.0014556041, 0.0, 0.008733625, 0.0, 0.0014556041, 0.0058224164, 0.0029112082, 0.0043668123, 0.0, 0.0029112082, 0.0, 0.0043668123, 0.0029112082, 0.0014556041, 0.0072780205, 0.0014556041, 0.0072780205, 0.0014556041, 0.0, 0.0029112082, 0.0, 0.0058224164, 0.0043668123, 0.0, 0.008733625, 0.0029112082, 0.0014556041, 0.0058224164, 0.0, 0.0014556041, 0.0, 0.0, 0.0043668123, 0.0014556041, 0.0029112082, 0.0014556041, 0.0, 0.0, 0.0014556041, 0.0, 0.0058224164, 0.0043668123, 0.0029112082, 0.013100437, 0.0014556041, 0.0058224164, 0.0014556041, 0.0, 0.0043668123, 0.0, 0.0058224164, 0.0043668123, 0.0, 0.011644833, 0.0, 0.0029112082, 0.0029112082, 0.0043668123, 0.0072780205, 0.0, 0.0014556041, 0.0014556041, 0.0043668123, 0.0014556041, 0.0014556041, 0.0014556041, 0.0058224164, 0.0, 0.0043668123, 0.0014556041, 0.0029112082, 0.0029112082, 0.0, 0.0029112082, 0.0, 0.0043668123, 0.0014556041, 0.0043668123, 0.0043668123, 0.0, 0.0014556041, 0.0, 0.0058224164, 0.0043668123, 0.0, 0.0, 0.0043668123, 0.0, 0.0043668123, 0.0014556041, 0.0072780205, 0.0014556041, 0.0014556041, 0.0029112082, 0.0, 0.0029112082, 0.0043668123, 0.0043668123, 0.0029112082, 0.0, 0.0, 0.0014556041, 0.0014556041, 0.0014556041, 0.008733625, 0.0043668123, 0.0, 0.0029112082, 0.0043668123, 0.0043668123, 0.0029112082, 0.0, 0.0, 0.0, 0.0014556041, 0.0014556041, 0.0014556041, 0.0029112082, 0.0014556041, 0.0014556041, 0.0014556041, 0.0029112082, 0.0014556041, 0.0029112082, 0.0058224164, 0.0029112082, 0.0043668123, 0.0058224164, 0.0043668123, 0.0, 0.0014556041, 0.0, 0.0014556041, 0.0014556041, 0.0, 0.0043668123, 0.0058224164, 0.0, 0.0029112082, 0.0014556041, 0.0014556041, 0.0058224164, 0.0058224164, 0.0058224164, 0.0043668123, 0.0029112082, 0.0014556041, 0.0029112082, 0.0029112082, 0.0043668123, 0.0029112082, 0.0014556041, 0.0043668123, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0014556041, 0.0, 0.0058224164, 0.0043668123, 0.0, 0.0029112082, 0.0029112082, 0.0014556041, 0.0014556041, 0.0029112082, 0.0014556041, 0.0029112082, 0.0, 0.0014556041, 0.0014556041, 0.0014556041, 0.0, 0.0058224164, 0.0043668123, 0.0043668123, 0.0043668123, 0.0029112082, 0.0014556041, 0.0014556041, 0.0029112082, 0.0029112082, 0.0, 0.0, 0.0, 0.0029112082, 0.0, 0.0029112082, 0.0014556041, 0.0029112082, 0.0043668123, 0.0058224164, 0.0, 0.0029112082, 0.0043668123, 0.0, 0.0029112082, 0.0043668123, 0.0014556041, 0.0043668123, 0.0, 0.0014556041, 0.0029112082, 0.0, 0.0072780205, 0.0043668123, 0.0043668123, 0.0072780205, 0.0014556041, 0.0043668123, 0.0, 0.0014556041, 0.0043668123, 0.011644833, 0.0, 0.0, 0.0029112082, 0.0014556041, 0.0043668123, 0.0029112082, 0.0029112082, 0.0, 0.0029112082, 0.0043668123, 0.0043668123, 0.0058224164, 0.0014556041, 0.0014556041, 0.0, 0.0, 0.0014556041, 0.0014556041, 0.0014556041, 0.0029112082, 0.0014556041, 0.0029112082, 0.0, 0.0029112082, 0.0029112082, 0.0014556041, 0.0, 0.0029112082, 0.0, 0.0029112082, 0.0043668123, 0.0014556041, 0.0072780205, 0.0029112082, 0.0014556041, 0.0043668123, 0.0029112082, 0.0029112082, 0.008733625, 0.0, 0.0014556041, 0.0014556041, 0.0029112082, 0.0043668123, 0.0043668123, 0.0058224164, 0.0014556041, 0.0, 0.0014556041, 0.0014556041, 0.0, 0.0014556041, 0.0058224164, 0.0043668123, 0.0029112082, 0.0029112082, 0.0014556041, 0.0, 0.0014556041, 0.0014556041 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.009230769, 0.006153846, 0.0, 0.0, 0.006153846, 0.003076923, 0.036923077, 0.0, 0.006153846, 0.003076923, 0.0, 0.0, 0.006153846, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.009230769, 0.003076923, 0.006153846, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.003076923, 0.009230769, 0.003076923, 0.0, 0.0, 0.012307692, 0.0, 0.0, 0.0, 0.006153846, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009230769, 0.0, 0.003076923, 0.0, 0.006153846, 0.003076923, 0.006153846, 0.0, 0.009230769, 0.0, 0.003076923, 0.0, 0.0, 0.006153846, 0.0, 0.006153846, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.0, 0.0, 0.003076923, 0.009230769, 0.006153846, 0.0, 0.0, 0.003076923, 0.006153846, 0.0, 0.012307692, 0.003076923, 0.0, 0.006153846, 0.0, 0.003076923, 0.003076923, 0.006153846, 0.021538462, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.0, 0.0, 0.006153846, 0.0, 0.009230769, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.0, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.006153846, 0.006153846, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.003076923, 0.006153846, 0.0, 0.0, 0.012307692, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006153846, 0.0, 0.003076923, 0.003076923, 0.0, 0.006153846, 0.0, 0.0, 0.009230769, 0.0, 0.009230769, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.009230769, 0.0, 0.0, 0.009230769, 0.0, 0.003076923, 0.024615385, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.0, 0.0, 0.003076923, 0.0, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.006153846, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.0, 0.003076923, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.006153846, 0.0, 0.003076923, 0.009230769, 0.009230769, 0.018461538, 0.0, 0.0, 0.003076923, 0.0, 0.003076923, 0.006153846, 0.021538462, 0.006153846, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.009230769, 0.0, 0.006153846, 0.0, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.0, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.009230769, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.018461538, 0.0, 0.003076923, 0.0, 0.003076923, 0.006153846, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.006153846, 0.012307692, 0.0, 0.012307692, 0.003076923, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.006153846, 0.0, 0.0, 0.003076923, 0.0, 0.003076923, 0.003076923, 0.015384615, 0.003076923, 0.003076923, 0.012307692, 0.0, 0.003076923, 0.0, 0.0, 0.003076923, 0.003076923, 0.009230769, 0.0, 0.0, 0.0, 0.006153846, 0.003076923, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.0, 0.003076923, 0.0, 0.003076923, 0.006153846, 0.003076923, 0.0, 0.012307692, 0.0, 0.003076923, 0.0, 0.0, 0.009230769, 0.0, 0.0, 0.0, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.003076923, 0.003076923, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.006153846, 0.003076923, 0.0, 0.0, 0.003076923, 0.003076923, 0.003076923, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.0, 0.012307692, 0.003076923, 0.009230769, 0.003076923, 0.0, 0.0, 0.0, 0.0, 0.003076923, 0.0, 0.003076923, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.003267974, 0.009803922, 0.003267974, 0.0, 0.006535948, 0.0, 0.003267974, 0.0, 0.003267974, 0.0, 0.0, 0.013071896, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.006535948, 0.0, 0.003267974, 0.003267974, 0.003267974, 0.009803922, 0.0, 0.003267974, 0.0, 0.013071896, 0.006535948, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.0, 0.01633987, 0.003267974, 0.003267974, 0.006535948, 0.009803922, 0.0, 0.006535948, 0.0, 0.009803922, 0.0, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.003267974, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006535948, 0.0, 0.0, 0.003267974, 0.003267974, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.0, 0.0, 0.009803922, 0.006535948, 0.003267974, 0.003267974, 0.006535948, 0.003267974, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.006535948, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.006535948, 0.0, 0.0, 0.003267974, 0.003267974, 0.003267974, 0.013071896, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.003267974, 0.0, 0.006535948, 0.003267974, 0.0, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.006535948, 0.006535948, 0.003267974, 0.006535948, 0.003267974, 0.006535948, 0.0, 0.009803922, 0.006535948, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.006535948, 0.003267974, 0.003267974, 0.0, 0.0, 0.009803922, 0.0, 0.006535948, 0.0, 0.006535948, 0.006535948, 0.003267974, 0.003267974, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.006535948, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.0, 0.003267974, 0.0, 0.006535948, 0.009803922, 0.003267974, 0.003267974, 0.0, 0.0, 0.0, 0.009803922, 0.0, 0.003267974, 0.0, 0.009803922, 0.003267974, 0.0, 0.003267974, 0.0, 0.006535948, 0.0, 0.003267974, 0.006535948, 0.006535948, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.013071896, 0.006535948, 0.01633987, 0.0, 0.0, 0.003267974, 0.0, 0.013071896, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006535948, 0.003267974, 0.0, 0.0, 0.003267974, 0.0, 0.013071896, 0.003267974, 0.0, 0.0, 0.0, 0.003267974, 0.006535948, 0.0, 0.009803922, 0.0, 0.006535948, 0.0, 0.006535948, 0.003267974, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.013071896, 0.0, 0.0, 0.0, 0.0, 0.009803922, 0.003267974, 0.003267974, 0.0, 0.009803922, 0.0, 0.003267974, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.009803922, 0.003267974, 0.006535948, 0.0, 0.006535948, 0.0, 0.003267974, 0.009803922, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013071896, 0.009803922, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.003267974, 0.003267974, 0.0, 0.0, 0.003267974, 0.006535948, 0.0, 0.006535948, 0.0, 0.0, 0.003267974, 0.003267974, 0.003267974, 0.0, 0.0, 0.003267974, 0.0, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.013071896, 0.0, 0.0, 0.003267974, 0.003267974, 0.003267974, 0.009803922, 0.0, 0.006535948, 0.0, 0.003267974, 0.003267974, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.003267974, 0.006535948, 0.0, 0.006535948, 0.006535948, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.0, 0.0, 0.009803922, 0.0, 0.0, 0.0, 0.0, 0.003267974, 0.003267974, 0.0, 0.013071896, 0.0, 0.0, 0.003267974, 0.0, 0.006535948, 0.006535948, 0.0, 0.003267974, 0.0, 0.0, 0.009803922, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.03448276, 0.0, 0.00862069, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.025862068, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.025862068, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.04310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.01724138, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.00862069, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.03448276, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.025862068, 0.00862069, 0.00862069, 0.0, 0.0, 0.04310345, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.00862069, 0.01724138, 0.0, 0.0, 0.03448276, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.00862069, 0.01724138, 0.0, 0.00862069, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01724138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.013605442, 0.0, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.013605442, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.047619045, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.013605442, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.013605442, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.013605442, 0.013605442, 0.006802721, 0.0, 0.0, 0.013605442, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.013605442, 0.006802721, 0.0, 0.006802721, 0.013605442, 0.0, 0.013605442, 0.0, 0.0, 0.006802721, 0.020408163, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.013605442, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.027210884, 0.013605442, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.020408163, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.006802721, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.019480519, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0097402595, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0097402595, 0.0, 0.0, 0.0064935065, 0.0, 0.025974026, 0.0, 0.016233766, 0.0032467532, 0.012987013, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0064935065, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0032467532, 0.0032467532, 0.0032467532, 0.0097402595, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0097402595, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025974026, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0064935065, 0.0032467532, 0.0064935065, 0.012987013, 0.0, 0.0097402595, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.0, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0097402595, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.019480519, 0.0032467532, 0.0097402595, 0.0032467532, 0.0097402595, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.025974026, 0.0, 0.0, 0.012987013, 0.0032467532, 0.0, 0.029220778, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.012987013, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0097402595, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.022727273, 0.0032467532, 0.0, 0.0, 0.0, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0097402595, 0.0, 0.0, 0.0032467532, 0.0064935065, 0.0032467532, 0.0032467532, 0.025974026, 0.0, 0.0032467532, 0.0, 0.0, 0.0097402595, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0097402595, 0.0097402595, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.025974026, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.012987013, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0097402595, 0.0064935065, 0.0032467532, 0.016233766, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0064935065, 0.0, 0.0032467532, 0.0032467532, 0.0097402595, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0032467532, 0.0, 0.0064935065, 0.0, 0.0, 0.019480519, 0.0032467532, 0.0, 0.0, 0.0064935065, 0.0032467532, 0.0, 0.0097402595, 0.0032467532, 0.0032467532, 0.0, 0.012987013, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0032467532, 0.0, 0.0064935065, 0.0032467532, 0.0, 0.0, 0.0, 0.0032467532, 0.0097402595, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0064935065, 0.0, 0.0, 0.0, 0.0, 0.0097402595, 0.0, 0.0, 0.0, 0.0064935065, 0.012987013, 0.0032467532, 0.0032467532, 0.0, 0.0032467532, 0.0032467532, 0.0, 0.0064935065, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.013513514, 0.0, 0.0027027028, 0.0, 0.0, 0.008108108, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.008108108, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0054054055, 0.0054054055, 0.0054054055, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.021621622, 0.0, 0.013513514, 0.0, 0.0027027028, 0.008108108, 0.0054054055, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.008108108, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.0, 0.008108108, 0.0, 0.0, 0.010810811, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.010810811, 0.0, 0.0027027028, 0.0054054055, 0.0054054055, 0.008108108, 0.0054054055, 0.021621622, 0.0054054055, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.008108108, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0054054055, 0.0027027028, 0.010810811, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.008108108, 0.0054054055, 0.0, 0.0027027028, 0.0027027028, 0.010810811, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0, 0.008108108, 0.0, 0.008108108, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.010810811, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008108108, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.008108108, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0027027028, 0.008108108, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0, 0.0054054055, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.010810811, 0.0027027028, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0027027028, 0.0054054055, 0.0054054055, 0.0054054055, 0.0, 0.0027027028, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.0054054055, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.010810811, 0.0027027028, 0.0, 0.008108108, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0054054055, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0054054055, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010810811, 0.0, 0.0027027028, 0.008108108, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.013513514, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.0054054055, 0.0027027028, 0.0, 0.0, 0.0, 0.010810811, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0054054055, 0.008108108, 0.0, 0.0027027028, 0.008108108, 0.008108108, 0.0027027028, 0.0, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0027027028, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.013513514, 0.0, 0.0, 0.0054054055, 0.0027027028, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0, 0.0, 0.008108108, 0.0054054055, 0.0054054055, 0.0, 0.0, 0.0, 0.0, 0.029729731, 0.0, 0.0027027028, 0.0027027028, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0027027028, 0.0054054055, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0, 0.0, 0.0027027028, 0.0027027028, 0.0054054055, 0.0027027028, 0.0054054055, 0.0, 0.0027027028, 0.0027027028 ]

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Histogram size : (400, 1)

Histogram : [ 0.003773585, 0.0, 0.003773585, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.01509434, 0.003773585, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.00754717, 0.0, 0.00754717, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.00754717, 0.003773585, 0.0, 0.003773585, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.00754717, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.011320755, 0.003773585, 0.0, 0.00754717, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.0, 0.011320755, 0.0, 0.0, 0.00754717, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.011320755, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.01509434, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.003773585, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.00754717, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.00754717, 0.003773585, 0.00754717, 0.003773585, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.00754717, 0.003773585, 0.0, 0.00754717, 0.01509434, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.003773585, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.00754717, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.011320755, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.026415095, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.00754717, 0.0, 0.003773585, 0.06037736, 0.01509434, 0.003773585, 0.0, 0.0, 0.00754717, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.0, 0.011320755, 0.011320755, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.003773585, 0.00754717, 0.0, 0.0, 0.01509434, 0.0, 0.00754717, 0.00754717, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.011320755, 0.018867925, 0.003773585, 0.0, 0.0, 0.00754717, 0.003773585, 0.00754717, 0.003773585, 0.00754717, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.04528302, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.033962265, 0.003773585, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.018867925, 0.0, 0.00754717, 0.0, 0.0, 0.01509434, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.025641026, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.015384616, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015384616, 0.0, 0.0051282053, 0.025641026, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.010256411, 0.0, 0.0, 0.015384616, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.010256411, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.010256411, 0.0, 0.0051282053, 0.0, 0.015384616, 0.0051282053, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.015384616, 0.0, 0.0, 0.010256411, 0.010256411, 0.0, 0.015384616, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.015384616, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.010256411, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.010256411, 0.0, 0.0, 0.015384616, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.015384616, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.010256411, 0.0, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.020512821, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0051282053, 0.0051282053, 0.0, 0.0051282053, 0.0051282053, 0.0051282053, 0.0, 0.0, 0.0051282053, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0051282053, 0.0, 0.0, 0.010256411, 0.0, 0.0, 0.0, 0.0, 0.0051282053, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.004597701, 0.0, 0.0, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.0, 0.004597701, 0.0022988506, 0.0, 0.0, 0.0068965517, 0.03448276, 0.0, 0.0, 0.0022988506, 0.004597701, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.009195402, 0.0, 0.004597701, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.011494253, 0.0022988506, 0.0068965517, 0.0022988506, 0.0068965517, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.004597701, 0.018390805, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.004597701, 0.0022988506, 0.0, 0.009195402, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.004597701, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.004597701, 0.0, 0.004597701, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.0, 0.004597701, 0.0, 0.0, 0.0, 0.0, 0.004597701, 0.004597701, 0.03678161, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.004597701, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0022988506, 0.004597701, 0.0, 0.0, 0.0, 0.009195402, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004597701, 0.0, 0.004597701, 0.0, 0.0022988506, 0.0022988506, 0.004597701, 0.0068965517, 0.0, 0.0, 0.004597701, 0.0, 0.0, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.0, 0.004597701, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0068965517, 0.0, 0.0022988506, 0.0, 0.0, 0.0068965517, 0.0, 0.0022988506, 0.0, 0.0068965517, 0.0068965517, 0.009195402, 0.0, 0.0, 0.004597701, 0.0, 0.0, 0.0022988506, 0.0, 0.0, 0.009195402, 0.0, 0.013793103, 0.0, 0.004597701, 0.004597701, 0.0, 0.004597701, 0.004597701, 0.0, 0.0, 0.0, 0.0, 0.004597701, 0.0068965517, 0.0, 0.0022988506, 0.0, 0.0, 0.0, 0.011494253, 0.0, 0.0, 0.009195402, 0.0, 0.0022988506, 0.0, 0.0, 0.0, 0.009195402, 0.0, 0.004597701, 0.0, 0.0, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009195402, 0.004597701, 0.0, 0.0, 0.004597701, 0.0, 0.0, 0.0022988506, 0.0, 0.004597701, 0.004597701, 0.0, 0.0, 0.0, 0.0, 0.0068965517, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0, 0.004597701, 0.0, 0.004597701, 0.004597701, 0.0068965517, 0.0, 0.004597701, 0.0, 0.0, 0.0, 0.004597701, 0.0022988506, 0.0022988506, 0.0068965517, 0.0, 0.0022988506, 0.0068965517, 0.0022988506, 0.0, 0.0, 0.004597701, 0.0, 0.0022988506, 0.0, 0.0068965517, 0.0022988506, 0.0022988506, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.004597701, 0.0022988506, 0.0022988506, 0.0, 0.004597701, 0.0022988506, 0.0, 0.0068965517, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.011494253, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.020689655, 0.0, 0.0, 0.004597701, 0.0022988506, 0.0, 0.004597701, 0.029885057, 0.013793103, 0.0022988506, 0.011494253, 0.0, 0.0022988506, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.004597701, 0.004597701, 0.011494253, 0.0022988506, 0.004597701, 0.0, 0.009195402, 0.0, 0.0, 0.0, 0.0022988506, 0.0, 0.0022988506, 0.08735632, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.004597701, 0.0068965517, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0022988506, 0.0022988506, 0.0022988506, 0.0, 0.004597701, 0.0022988506, 0.004597701, 0.0022988506, 0.004597701, 0.004597701, 0.0, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.0, 0.0, 0.0, 0.0068965517, 0.0022988506, 0.0022988506, 0.0022988506, 0.0, 0.0022988506, 0.0, 0.004597701, 0.0068965517, 0.0022988506, 0.0, 0.0, 0.0068965517, 0.0022988506, 0.0, 0.0022988506, 0.0022988506, 0.004597701, 0.0, 0.0, 0.0, 0.0022988506, 0.009195402, 0.0022988506, 0.0, 0.0, 0.0022988506, 0.0022988506, 0.0068965517, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0056818184, 0.011363637, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.011363637, 0.0, 0.0, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.017045455, 0.0, 0.0, 0.017045455, 0.011363637, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.028409092, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.017045455, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.017045455, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.017045455, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.022727273, 0.011363637, 0.0056818184, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0056818184, 0.017045455, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0056818184, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.011363637, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.017045455, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.03409091, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.022727273, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.017045455, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.026415095, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.00754717, 0.0, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.003773585, 0.011320755, 0.0, 0.01509434, 0.0, 0.003773585, 0.0, 0.003773585, 0.00754717, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.01509434, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.003773585, 0.0, 0.0, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.041509435, 0.003773585, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.00754717, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01509434, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.0, 0.003773585, 0.003773585, 0.0, 0.011320755, 0.00754717, 0.0, 0.00754717, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01509434, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.018867925, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.01509434, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.056603774, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.003773585, 0.00754717, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.018867925, 0.00754717, 0.011320755, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.00754717, 0.01509434, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.003773585, 0.00754717, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.018867925, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.003773585, 0.0, 0.01509434, 0.0, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.011320755, 0.0, 0.0, 0.011320755, 0.0, 0.0, 0.018867925, 0.0, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.0, 0.02264151, 0.0, 0.00754717, 0.003773585, 0.0, 0.0, 0.003773585, 0.026415095, 0.0, 0.0, 0.0, 0.01509434, 0.003773585, 0.0, 0.0, 0.003773585, 0.003773585, 0.003773585, 0.011320755, 0.003773585, 0.0, 0.0, 0.01509434, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.003773585, 0.018867925, 0.0, 0.011320755, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003773585, 0.003773585, 0.0, 0.0, 0.0, 0.00754717, 0.00754717, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.020408163, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.020408163, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.006802721, 0.0, 0.0, 0.020408163, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.006802721, 0.006802721, 0.006802721, 0.013605442, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020408163, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.013605442, 0.013605442, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.027210884, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.006802721, 0.006802721, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.013605442, 0.020408163, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.027210884, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020408163, 0.006802721, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.013605442, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.006802721, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020408163, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.020408163, 0.0, 0.006802721, 0.0, 0.0, 0.027210884, 0.006802721, 0.0, 0.0, 0.0, 0.013605442, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.006802721, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013605442 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.011811024, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.003937008, 0.003937008, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.003937008, 0.015748031, 0.023622047, 0.003937008, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.003937008, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.031496063, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.007874016, 0.0, 0.003937008, 0.003937008, 0.003937008, 0.007874016, 0.011811024, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.003937008, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.01968504, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.007874016, 0.007874016, 0.003937008, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0511811, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.007874016, 0.011811024, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.0, 0.003937008, 0.0, 0.003937008, 0.003937008, 0.0, 0.003937008, 0.007874016, 0.0, 0.01968504, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.003937008, 0.003937008, 0.01968504, 0.0, 0.0, 0.003937008, 0.0, 0.011811024, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.011811024, 0.0, 0.011811024, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.07086614, 0.0, 0.007874016, 0.0, 0.0, 0.011811024, 0.007874016, 0.003937008, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.003937008, 0.0, 0.01968504, 0.0, 0.003937008, 0.007874016, 0.003937008, 0.0, 0.003937008, 0.0, 0.011811024, 0.003937008, 0.007874016, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.011811024, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.003937008, 0.0, 0.0, 0.0, 0.003937008, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.007874016, 0.0, 0.003937008, 0.0, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008, 0.0, 0.011811024, 0.0, 0.003937008, 0.0, 0.0, 0.0, 0.0, 0.04330709, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003937008 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.015463917, 0.0, 0.0, 0.010309278, 0.0, 0.015463917, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.005154639, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.005154639, 0.0, 0.015463917, 0.0, 0.0, 0.0, 0.0, 0.015463917, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.030927833, 0.0, 0.010309278, 0.005154639, 0.010309278, 0.010309278, 0.005154639, 0.0, 0.015463917, 0.020618556, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.010309278, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025773196, 0.0, 0.010309278, 0.015463917, 0.005154639, 0.005154639, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015463917, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.067010306, 0.010309278, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.015463917, 0.005154639, 0.010309278, 0.005154639, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.010309278, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.010309278, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.015463917, 0.010309278, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.010309278, 0.0, 0.0, 0.0, 0.0, 0.015463917, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010309278, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010309278, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005154639, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0020703934, 0.0, 0.0, 0.0, 0.0020703934, 0.0, 0.0, 0.0062111802, 0.0, 0.0020703934, 0.008281574, 0.0020703934, 0.0020703934, 0.008281574, 0.0, 0.010351967, 0.008281574, 0.004140787, 0.004140787, 0.004140787, 0.0, 0.004140787, 0.0, 0.0, 0.004140787, 0.004140787, 0.0, 0.0020703934, 0.0020703934, 0.0020703934, 0.008281574, 0.0, 0.008281574, 0.008281574, 0.0020703934, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.004140787, 0.014492754, 0.0, 0.0020703934, 0.0, 0.010351967, 0.0, 0.0, 0.0, 0.0062111802, 0.0, 0.004140787, 0.0, 0.004140787, 0.0020703934, 0.0, 0.0, 0.0, 0.004140787, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004140787, 0.0020703934, 0.0, 0.0, 0.0, 0.0, 0.0020703934, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0020703934, 0.0020703934, 0.0020703934, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0, 0.0, 0.004140787, 0.0, 0.0, 0.008281574, 0.004140787, 0.0020703934, 0.0020703934, 0.008281574, 0.0020703934, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.004140787, 0.004140787, 0.0020703934, 0.004140787, 0.0062111802, 0.004140787, 0.0062111802, 0.004140787, 0.0020703934, 0.0020703934, 0.0020703934, 0.0, 0.0, 0.0, 0.0062111802, 0.0, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0, 0.0, 0.0, 0.004140787, 0.0, 0.0, 0.0, 0.0, 0.004140787, 0.004140787, 0.0020703934, 0.0, 0.0, 0.0020703934, 0.004140787, 0.004140787, 0.0, 0.004140787, 0.004140787, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0062111802, 0.004140787, 0.0062111802, 0.004140787, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0020703934, 0.004140787, 0.014492754, 0.0, 0.0, 0.0, 0.0020703934, 0.0020703934, 0.008281574, 0.0020703934, 0.0020703934, 0.0, 0.008281574, 0.0, 0.004140787, 0.0020703934, 0.0020703934, 0.008281574, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.004140787, 0.004140787, 0.004140787, 0.0, 0.004140787, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0062111802, 0.004140787, 0.0, 0.008281574, 0.0, 0.0020703934, 0.0020703934, 0.0020703934, 0.0020703934, 0.008281574, 0.0062111802, 0.004140787, 0.0, 0.0, 0.0020703934, 0.0, 0.0, 0.0, 0.004140787, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0, 0.0, 0.0, 0.0062111802, 0.008281574, 0.0020703934, 0.0062111802, 0.0020703934, 0.0, 0.0062111802, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.0020703934, 0.0, 0.0020703934, 0.0020703934, 0.0020703934, 0.0020703934, 0.0020703934, 0.024844721, 0.0, 0.0, 0.0, 0.0062111802, 0.0, 0.0, 0.0062111802, 0.0020703934, 0.0, 0.0, 0.0, 0.0, 0.0062111802, 0.0, 0.0020703934, 0.004140787, 0.0, 0.0020703934, 0.0020703934, 0.008281574, 0.008281574, 0.0, 0.004140787, 0.0020703934, 0.0, 0.0020703934, 0.0020703934, 0.004140787, 0.0, 0.0, 0.004140787, 0.0062111802, 0.004140787, 0.0, 0.0, 0.004140787, 0.0, 0.0, 0.0, 0.0020703934, 0.004140787, 0.0, 0.0020703934, 0.004140787, 0.004140787, 0.010351967, 0.0, 0.0020703934, 0.0062111802, 0.0, 0.0020703934, 0.0062111802, 0.0, 0.004140787, 0.0062111802, 0.0, 0.0020703934, 0.01863354, 0.0, 0.004140787, 0.0, 0.0, 0.0, 0.008281574, 0.0020703934, 0.004140787, 0.0020703934, 0.0, 0.0, 0.004140787, 0.0062111802, 0.008281574, 0.0, 0.0062111802, 0.0062111802, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004140787, 0.004140787, 0.0020703934, 0.0020703934, 0.004140787, 0.0, 0.0, 0.0020703934, 0.0020703934, 0.0062111802, 0.0, 0.0, 0.0062111802, 0.008281574, 0.0, 0.008281574, 0.0020703934, 0.0, 0.0, 0.0020703934, 0.010351967, 0.0, 0.0, 0.004140787, 0.010351967, 0.0, 0.0020703934, 0.0, 0.004140787, 0.0020703934, 0.004140787, 0.004140787, 0.0, 0.008281574, 0.0, 0.0, 0.0, 0.0020703934, 0.004140787, 0.0020703934, 0.0020703934, 0.004140787, 0.0020703934, 0.0, 0.0, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.0, 0.0, 0.0, 0.0020703934, 0.0, 0.0020703934, 0.0, 0.0, 0.0, 0.0020703934, 0.004140787, 0.020703934, 0.0, 0.0, 0.0020703934, 0.0020703934, 0.0, 0.0020703934, 0.0020703934, 0.0, 0.0020703934, 0.004140787, 0.0, 0.0062111802, 0.0, 0.0, 0.04347826, 0.0, 0.0, 0.004140787, 0.0, 0.0020703934, 0.0, 0.0, 0.004140787, 0.0020703934 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0045454544, 0.0045454544, 0.018181818, 0.0, 0.0, 0.0045454544, 0.013636364, 0.009090909, 0.0, 0.0045454544, 0.013636364, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.018181818, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.013636364, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.018181818, 0.0045454544, 0.0, 0.0, 0.0, 0.022727272, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.022727272, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.013636364, 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.03181818, 0.013636364, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.013636364, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.013636364, 0.0045454544, 0.0, 0.013636364, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.022727272, 0.0, 0.0, 0.0, 0.0, 0.018181818, 0.0, 0.0045454544, 0.022727272, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.009090909, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0045454544, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.018181818, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.009090909, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.013636364, 0.0045454544, 0.0, 0.009090909, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.009090909, 0.013636364, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.027272727, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.018181818, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008, 0.008, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.016, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.012, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.008, 0.004, 0.0, 0.004, 0.004, 0.016, 0.0, 0.004, 0.004, 0.008, 0.028, 0.004, 0.0, 0.020000001, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.060000002, 0.004, 0.0, 0.0, 0.016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.008, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.012, 0.004, 0.008, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008, 0.004, 0.016, 0.0, 0.004, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.028, 0.0, 0.0, 0.0, 0.004, 0.0, 0.008, 0.0, 0.0, 0.004, 0.004, 0.004, 0.0, 0.008, 0.0, 0.004, 0.0, 0.028, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.0, 0.0, 0.016, 0.004, 0.0, 0.0, 0.0, 0.008, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.008, 0.0, 0.0, 0.012, 0.016, 0.0, 0.012, 0.0, 0.0, 0.008, 0.0, 0.004, 0.004, 0.004, 0.0, 0.008, 0.004, 0.0, 0.004, 0.004, 0.004, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.012, 0.0, 0.008, 0.0, 0.0, 0.012, 0.0, 0.0, 0.0, 0.004, 0.008, 0.0, 0.0, 0.0, 0.012, 0.0, 0.0, 0.012, 0.004, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.008, 0.004, 0.0, 0.004, 0.004, 0.0, 0.008, 0.0, 0.004, 0.0, 0.0, 0.004, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.012, 0.004, 0.004, 0.008, 0.0, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008, 0.004, 0.0, 0.0, 0.008, 0.004, 0.004, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.0, 0.004, 0.0, 0.036000002, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004, 0.004, 0.004, 0.0 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.006849315, 0.006849315, 0.0, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.02739726, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020547945, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.006849315, 0.006849315, 0.0, 0.02739726, 0.006849315, 0.006849315, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.01369863, 0.006849315, 0.0, 0.006849315, 0.01369863, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.02739726, 0.01369863, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.01369863, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.006849315, 0.01369863, 0.006849315, 0.01369863, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020547945, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.01369863, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01369863, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.006849315, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.020547945, 0.006849315, 0.0, 0.0, 0.01369863, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.02739726, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.01369863, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.01369863, 0.006849315, 0.0, 0.01369863, 0.006849315, 0.0, 0.0, 0.006849315, 0.01369863, 0.01369863, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006849315, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.003552398, 0.0, 0.0, 0.01776199, 0.003552398, 0.001776199, 0.0, 0.007104796, 0.0, 0.001776199, 0.0, 0.005328597, 0.007104796, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.008880995, 0.003552398, 0.001776199, 0.001776199, 0.0, 0.003552398, 0.0, 0.001776199, 0.0, 0.003552398, 0.001776199, 0.019538188, 0.0, 0.007104796, 0.0, 0.010657194, 0.0, 0.0, 0.001776199, 0.005328597, 0.0, 0.0, 0.005328597, 0.007104796, 0.001776199, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.003552398, 0.0, 0.001776199, 0.003552398, 0.003552398, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.0, 0.001776199, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.003552398, 0.001776199, 0.0, 0.07992896, 0.001776199, 0.001776199, 0.003552398, 0.003552398, 0.0, 0.0, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.003552398, 0.001776199, 0.0, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.001776199, 0.001776199, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.003552398, 0.0, 0.001776199, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.007104796, 0.0, 0.001776199, 0.0, 0.0, 0.001776199, 0.003552398, 0.001776199, 0.0, 0.007104796, 0.026642984, 0.001776199, 0.001776199, 0.003552398, 0.005328597, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.001776199, 0.0, 0.008880995, 0.0, 0.0, 0.007104796, 0.0, 0.003552398, 0.0, 0.0, 0.001776199, 0.0, 0.001776199, 0.0, 0.026642984, 0.0, 0.0, 0.001776199, 0.003552398, 0.0, 0.012433393, 0.0, 0.001776199, 0.003552398, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008880995, 0.0, 0.001776199, 0.003552398, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.005328597, 0.0, 0.003552398, 0.0, 0.0, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.0, 0.003552398, 0.0, 0.003552398, 0.001776199, 0.01776199, 0.001776199, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.0, 0.0, 0.001776199, 0.007104796, 0.0, 0.0, 0.001776199, 0.007104796, 0.001776199, 0.001776199, 0.001776199, 0.0, 0.0, 0.0, 0.005328597, 0.001776199, 0.001776199, 0.003552398, 0.001776199, 0.014209592, 0.008880995, 0.003552398, 0.003552398, 0.0, 0.0, 0.001776199, 0.005328597, 0.001776199, 0.0, 0.0, 0.005328597, 0.008880995, 0.0, 0.003552398, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.003552398, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.010657194, 0.0, 0.001776199, 0.003552398, 0.001776199, 0.005328597, 0.024866786, 0.005328597, 0.0, 0.001776199, 0.0, 0.0, 0.044404976, 0.001776199, 0.0, 0.003552398, 0.0, 0.003552398, 0.001776199, 0.0, 0.001776199, 0.001776199, 0.03374778, 0.0, 0.001776199, 0.0, 0.008880995, 0.003552398, 0.003552398, 0.0, 0.003552398, 0.001776199, 0.003552398, 0.001776199, 0.0, 0.001776199, 0.0, 0.0, 0.001776199, 0.005328597, 0.003552398, 0.0, 0.0, 0.007104796, 0.0, 0.0, 0.001776199, 0.001776199, 0.001776199, 0.001776199, 0.028419184, 0.003552398, 0.0, 0.0, 0.01776199, 0.0, 0.0, 0.001776199, 0.003552398, 0.0, 0.001776199, 0.005328597, 0.003552398, 0.003552398, 0.001776199, 0.0, 0.0, 0.001776199, 0.007104796, 0.0, 0.003552398, 0.0, 0.0, 0.0, 0.0, 0.001776199, 0.0, 0.003552398, 0.001776199, 0.008880995, 0.0, 0.0, 0.001776199, 0.0, 0.0, 0.0, 0.001776199, 0.007104796, 0.0, 0.0, 0.0, 0.0, 0.003552398, 0.003552398, 0.0, 0.0, 0.0, 0.001776199, 0.001776199, 0.0, 0.0, 0.0, 0.0, 0.003552398, 0.001776199, 0.001776199, 0.0, 0.0, 0.030195383, 0.001776199, 0.0, 0.0, 0.0, 0.003552398, 0.0, 0.003552398, 0.001776199, 0.001776199 ]

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Histogram size : (400, 1)

Histogram : [ 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.017045455, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0056818184, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.017045455, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.017045455, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.017045455, 0.0, 0.011363637, 0.011363637, 0.0, 0.0, 0.0056818184, 0.028409092, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.017045455, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.022727273, 0.0, 0.0056818184, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.011363637, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.022727273, 0.0056818184, 0.0, 0.0056818184, 0.0056818184, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.028409092, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.028409092, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0056818184, 0.0056818184, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.017045455, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0056818184, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0056818184, 0.028409092, 0.0, 0.0, 0.0, 0.017045455, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.007575758, 0.022727273, 0.0, 0.0, 0.007575758, 0.03787879, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.030303031, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.083333336, 0.0, 0.007575758, 0.0, 0.007575758, 0.0, 0.0, 0.007575758, 0.007575758, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.015151516, 0.007575758, 0.007575758, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.060606062, 0.007575758, 0.0, 0.0, 0.022727273, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.007575758, 0.0, 0.0, 0.022727273, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.007575758, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.007575758, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.022727273, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.007575758, 0.0, 0.0, 0.007575758, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.007575758, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.03787879, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.022727273, 0.0, 0.0, 0.0, 0.015151516, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.007575758, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.004310345, 0.00862069, 0.00862069, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.012931034, 0.0, 0.0, 0.0, 0.00862069, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.00862069, 0.0, 0.0, 0.004310345, 0.0, 0.00862069, 0.004310345, 0.004310345, 0.0, 0.021551725, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.038793102, 0.004310345, 0.0, 0.0, 0.0, 0.00862069, 0.004310345, 0.0, 0.004310345, 0.00862069, 0.004310345, 0.00862069, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.012931034, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.00862069, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.012931034, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025862068, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.00862069, 0.012931034, 0.01724138, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.00862069, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.012931034, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.00862069, 0.00862069, 0.004310345, 0.012931034, 0.004310345, 0.012931034, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.00862069, 0.0, 0.021551725, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.030172413, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.004310345, 0.004310345, 0.012931034, 0.004310345, 0.004310345, 0.00862069, 0.0, 0.0, 0.00862069, 0.0, 0.004310345, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.0, 0.012931034, 0.004310345, 0.004310345, 0.004310345, 0.004310345, 0.004310345, 0.004310345, 0.004310345, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.004310345, 0.004310345, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.012931034, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.012931034, 0.0, 0.0, 0.004310345, 0.004310345, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.04310345, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004310345, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.016806724, 0.008403362, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.008403362, 0.008403362, 0.008403362, 0.0, 0.042016808, 0.0, 0.0, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.016806724, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.033613447, 0.008403362, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.016806724, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.016806724, 0.008403362, 0.016806724, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025210086, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.016806724, 0.008403362, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.008403362, 0.025210086, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.016806724, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.008403362, 0.0, 0.008403362, 0.008403362, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.008403362, 0.016806724, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.008403362, 0.0, 0.008403362, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.008403362, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.006637168, 0.0, 0.0022123894, 0.0022123894, 0.006637168, 0.0, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0088495575, 0.0044247787, 0.0022123894, 0.0, 0.0044247787, 0.0044247787, 0.0, 0.0, 0.0, 0.0022123894, 0.006637168, 0.006637168, 0.011061947, 0.0, 0.0088495575, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.006637168, 0.0044247787, 0.0022123894, 0.0044247787, 0.011061947, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0, 0.0, 0.0, 0.0, 0.006637168, 0.0044247787, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0088495575, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0088495575, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0044247787, 0.0, 0.0088495575, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0044247787, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.006637168, 0.0, 0.0022123894, 0.0022123894, 0.0044247787, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.011061947, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.006637168, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.011061947, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0088495575, 0.0022123894, 0.006637168, 0.0, 0.0, 0.006637168, 0.0022123894, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.006637168, 0.0, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0044247787, 0.0044247787, 0.0088495575, 0.0044247787, 0.0088495575, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0, 0.006637168, 0.0044247787, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0044247787, 0.0044247787, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006637168, 0.0, 0.0, 0.0044247787, 0.0, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.0, 0.006637168, 0.0, 0.006637168, 0.0044247787, 0.0022123894, 0.0, 0.030973451, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0044247787, 0.0044247787, 0.0044247787, 0.0, 0.006637168, 0.0, 0.006637168, 0.0088495575, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.006637168, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.006637168, 0.0044247787, 0.0, 0.0, 0.0044247787, 0.0044247787, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0, 0.006637168, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.011061947, 0.0, 0.006637168, 0.0, 0.0022123894, 0.006637168, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.006637168, 0.0088495575, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0044247787, 0.0022123894, 0.0, 0.006637168, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.0044247787, 0.0044247787, 0.0022123894, 0.006637168, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.0044247787, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.006637168, 0.0, 0.0022123894, 0.006637168, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0, 0.006637168, 0.0022123894, 0.0, 0.0088495575, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0044247787, 0.0088495575, 0.0044247787, 0.0022123894, 0.0022123894 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0089552235, 0.0, 0.0059701493, 0.0029850747, 0.0059701493, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0, 0.0, 0.0, 0.0059701493, 0.0, 0.0059701493, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0089552235, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0059701493, 0.0, 0.0, 0.0089552235, 0.0029850747, 0.0, 0.0, 0.0, 0.0059701493, 0.0059701493, 0.0, 0.0029850747, 0.0059701493, 0.011940299, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0059701493, 0.0, 0.0, 0.0029850747, 0.014925374, 0.0, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0059701493, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.011940299, 0.0059701493, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0, 0.0029850747, 0.0089552235, 0.0, 0.0059701493, 0.0029850747, 0.011940299, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0059701493, 0.0059701493, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0029850747, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0059701493, 0.0029850747, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.020895522, 0.0059701493, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0059701493, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0059701493, 0.0059701493, 0.0, 0.0029850747, 0.0059701493, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0, 0.0089552235, 0.0, 0.0029850747, 0.0029850747, 0.0059701493, 0.0029850747, 0.0029850747, 0.0, 0.0059701493, 0.0089552235, 0.0, 0.0, 0.0, 0.0, 0.0089552235, 0.0089552235, 0.0, 0.0, 0.014925374, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0059701493, 0.0029850747, 0.0059701493, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0059701493, 0.0, 0.0, 0.0, 0.0089552235, 0.0029850747, 0.0059701493, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0089552235, 0.0059701493, 0.0, 0.011940299, 0.0059701493, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0059701493, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0059701493, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0089552235, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0059701493, 0.0029850747, 0.0059701493, 0.0, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.011940299, 0.0029850747, 0.0, 0.0059701493, 0.0089552235, 0.0, 0.0059701493, 0.0029850747, 0.0059701493, 0.014925374, 0.0089552235, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0089552235, 0.0, 0.0059701493, 0.0, 0.0, 0.0029850747, 0.011940299, 0.0029850747, 0.0, 0.0059701493, 0.0, 0.0089552235, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0059701493, 0.0, 0.0029850747, 0.0029850747, 0.0029850747, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0059701493, 0.0, 0.0089552235, 0.0089552235, 0.0, 0.0029850747, 0.0, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0029850747, 0.0059701493, 0.0029850747, 0.0, 0.0, 0.0029850747, 0.0029850747, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0059701493, 0.0029850747, 0.0029850747, 0.0059701493, 0.0029850747, 0.014925374, 0.0059701493, 0.0, 0.0, 0.0, 0.0059701493, 0.0029850747, 0.0, 0.0, 0.0, 0.0029850747, 0.0, 0.0, 0.0029850747 ]

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Histogram size : (400, 1)

Histogram : [ 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.013937282, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.013937282, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.006968641, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.0, 0.006968641, 0.006968641, 0.006968641, 0.006968641, 0.0, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.017421603, 0.010452962, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.006968641, 0.0, 0.0034843206, 0.013937282, 0.0034843206, 0.0, 0.0, 0.006968641, 0.006968641, 0.0, 0.0, 0.034843206, 0.0, 0.006968641, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.010452962, 0.006968641, 0.0034843206, 0.0034843206, 0.006968641, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.010452962, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.013937282, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.017421603, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.010452962, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006968641, 0.0, 0.0, 0.0, 0.0, 0.038327526, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.010452962, 0.0034843206, 0.0034843206, 0.010452962, 0.0034843206, 0.0034843206, 0.0034843206, 0.0, 0.006968641, 0.006968641, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.010452962, 0.0, 0.006968641, 0.0034843206, 0.006968641, 0.0, 0.0, 0.0, 0.0034843206, 0.010452962, 0.0, 0.006968641, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0034843206, 0.0, 0.010452962, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.020905923, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006968641, 0.0, 0.0, 0.006968641, 0.0, 0.0034843206, 0.0, 0.0, 0.010452962, 0.0, 0.013937282, 0.0, 0.0, 0.0, 0.0, 0.006968641, 0.034843206, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.006968641, 0.010452962, 0.006968641, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.024390245, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.013937282, 0.006968641, 0.0, 0.0, 0.0034843206, 0.0, 0.006968641, 0.0, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0, 0.0034843206, 0.013937282, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0034843206, 0.0, 0.0, 0.010452962, 0.0, 0.0, 0.0034843206, 0.006968641, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.010452962, 0.0, 0.024390245, 0.0, 0.0034843206, 0.0, 0.024390245, 0.0034843206, 0.0, 0.006968641, 0.0034843206, 0.0, 0.006968641, 0.0, 0.0, 0.006968641, 0.0, 0.0034843206, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010452962, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0034843206, 0.0034843206, 0.0, 0.0, 0.0 ]

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400 5

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.03937008, 0.0, 0.007874016, 0.023622047, 0.0, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.023622047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.023622047, 0.0, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.007874016, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.023622047, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.031496063, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.007874016, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.007874016, 0.007874016, 0.007874016, 0.007874016, 0.015748031, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.015748031, 0.0, 0.015748031, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.023622047, 0.007874016, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.023622047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.007874016, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.023622047, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.015748031, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015748031, 0.0, 0.0, 0.0, 0.0, 0.023622047, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.007874016, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0, 0.03937008, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.007874016, 0.007874016, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.007874016, 0.0, 0.0, 0.0, 0.0, 0.0 ]

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Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0028735632, 0.0, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0, 0.0057471264, 0.0028735632, 0.00862069, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0, 0.0057471264, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.011494253, 0.0028735632, 0.0057471264, 0.0, 0.01724138, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0, 0.0, 0.0028735632, 0.0, 0.0057471264, 0.0028735632, 0.0028735632, 0.0028735632, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.00862069, 0.0, 0.0028735632, 0.00862069, 0.0057471264, 0.0, 0.03448276, 0.0057471264, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0057471264, 0.0, 0.0028735632, 0.0057471264, 0.0, 0.0, 0.0, 0.0, 0.014367816, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.0057471264, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.00862069, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0028735632, 0.0, 0.011494253, 0.0, 0.0028735632, 0.0, 0.0028735632, 0.00862069, 0.0057471264, 0.0028735632, 0.0057471264, 0.0, 0.014367816, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.011494253, 0.0028735632, 0.0028735632, 0.00862069, 0.0, 0.0, 0.0, 0.0057471264, 0.011494253, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0, 0.0028735632, 0.0028735632, 0.0057471264, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.00862069, 0.00862069, 0.0028735632, 0.0, 0.0, 0.0, 0.0028735632, 0.01724138, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0057471264, 0.0028735632, 0.0028735632, 0.0057471264, 0.0057471264, 0.0057471264, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0028735632, 0.0057471264, 0.022988506, 0.0, 0.0, 0.0, 0.0, 0.00862069, 0.0028735632, 0.0028735632, 0.0028735632, 0.0057471264, 0.0057471264, 0.0, 0.0057471264, 0.0, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0, 0.0028735632, 0.0028735632, 0.0057471264, 0.0028735632, 0.0057471264, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.00862069, 0.00862069, 0.00862069, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0057471264, 0.0, 0.0028735632, 0.0057471264, 0.0028735632, 0.0, 0.0057471264, 0.0028735632, 0.014367816, 0.0, 0.0, 0.00862069, 0.0028735632, 0.0028735632, 0.0, 0.0057471264, 0.0057471264, 0.0028735632, 0.0, 0.0057471264, 0.0, 0.0028735632, 0.0057471264, 0.0028735632, 0.0028735632, 0.0, 0.0028735632, 0.0, 0.0028735632, 0.00862069, 0.0, 0.0, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.0, 0.0, 0.0057471264, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.0028735632, 0.0, 0.00862069, 0.0, 0.0, 0.0, 0.0, 0.014367816, 0.0057471264, 0.0, 0.0, 0.0, 0.00862069, 0.0028735632, 0.0028735632, 0.0028735632, 0.0, 0.04310345, 0.0028735632, 0.0028735632, 0.0, 0.0, 0.0, 0.0028735632, 0.0028735632, 0.0057471264, 0.0 ]

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[Stage 63:=============================> (1 + 1) / 2]400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.004854369, 0.004854369, 0.009708738, 0.0, 0.009708738, 0.004854369, 0.0, 0.009708738, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.014563107, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.004854369, 0.0, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014563107, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.009708738, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.014563107, 0.03883495, 0.009708738, 0.004854369, 0.0, 0.0, 0.009708738, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.009708738, 0.0, 0.014563107, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.029126214, 0.033980582, 0.004854369, 0.004854369, 0.0, 0.004854369, 0.004854369, 0.004854369, 0.019417476, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.004854369, 0.009708738, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.019417476, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.03883495, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.009708738, 0.014563107, 0.0, 0.0, 0.0, 0.004854369, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.019417476, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.009708738, 0.0, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014563107, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.009708738, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009708738, 0.004854369, 0.0, 0.0, 0.0, 0.009708738, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.004854369, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.009708738, 0.0, 0.014563107, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.019417476, 0.0, 0.0, 0.0, 0.004854369, 0.019417476, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014563107, 0.004854369, 0.0, 0.0, 0.0, 0.024271846, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.004854369, 0.009708738, 0.0, 0.014563107, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.009708738, 0.0, 0.0, 0.0, 0.0, 0.004854369, 0.014563107, 0.004854369, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.0, 0.004854369, 0.0, 0.004854369, 0.0, 0.0, 0.0, 0.004854369, 0.004854369, 0.004854369, 0.0, 0.0, 0.009708738, 0.0, 0.004854369 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0074074073, 0.0074074073, 0.0, 0.0, 0.0, 0.014814815, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0074074073, 0.014814815, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.014814815, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.04444444, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014814815, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.04444444, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.014814815, 0.04444444, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014814815, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.02222222, 0.0074074073, 0.02222222, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.04444444, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014814815, 0.02222222, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.014814815, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0074074073, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.014814815, 0.0074074073, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0074074073, 0.02962963, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0074074073, 0.0, 0.0074074073, 0.0074074073, 0.0, 0.0, 0.02962963, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0, 0.02222222, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.014814815, 0.0, 0.0, 0.0, 0.0, 0.0, 0.02962963, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.014814815, 0.0074074073, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073, 0.0074074073, 0.0074074073, 0.0074074073, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0074074073 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0023640662, 0.0023640662, 0.0070921984, 0.0070921984, 0.0023640662, 0.0023640662, 0.0070921984, 0.0047281324, 0.0023640662, 0.0047281324, 0.009456265, 0.0, 0.011820331, 0.009456265, 0.0070921984, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0047281324, 0.0023640662, 0.0023640662, 0.0047281324, 0.0023640662, 0.0047281324, 0.0047281324, 0.0047281324, 0.0047281324, 0.0023640662, 0.0, 0.0023640662, 0.0047281324, 0.0, 0.0, 0.0, 0.0023640662, 0.0, 0.0, 0.009456265, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.0, 0.009456265, 0.0070921984, 0.0047281324, 0.0, 0.01891253, 0.0, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0070921984, 0.0023640662, 0.0023640662, 0.0023640662, 0.0047281324, 0.0047281324, 0.0023640662, 0.0, 0.011820331, 0.0023640662, 0.0, 0.0023640662, 0.0070921984, 0.0047281324, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.009456265, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0047281324, 0.0047281324, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0047281324, 0.0, 0.0, 0.0, 0.009456265, 0.016548464, 0.0023640662, 0.009456265, 0.0023640662, 0.0070921984, 0.0, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.01891253, 0.0047281324, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0, 0.009456265, 0.0, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0, 0.0023640662, 0.0, 0.011820331, 0.0047281324, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0, 0.0070921984, 0.0, 0.016548464, 0.009456265, 0.0047281324, 0.0023640662, 0.0023640662, 0.0, 0.0070921984, 0.0, 0.0, 0.0047281324, 0.0047281324, 0.0, 0.0023640662, 0.0047281324, 0.0070921984, 0.0023640662, 0.0, 0.0, 0.0047281324, 0.0047281324, 0.0, 0.0, 0.0, 0.0, 0.009456265, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0023640662, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.009456265, 0.0, 0.0070921984, 0.011820331, 0.0047281324, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0047281324, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.0, 0.0047281324, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0070921984, 0.0070921984, 0.009456265, 0.0047281324, 0.0, 0.0, 0.0047281324, 0.0, 0.0047281324, 0.0047281324, 0.0023640662, 0.0047281324, 0.009456265, 0.0070921984, 0.0, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0, 0.0, 0.0023640662, 0.0, 0.0047281324, 0.0, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.0, 0.0, 0.0023640662, 0.0047281324, 0.009456265, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0047281324, 0.0070921984, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0, 0.009456265, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0047281324, 0.0, 0.0047281324, 0.0, 0.0, 0.0023640662, 0.0023640662, 0.0070921984, 0.0023640662, 0.0, 0.0, 0.0, 0.0, 0.0047281324, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0023640662, 0.0, 0.0023640662, 0.0047281324, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0, 0.0, 0.009456265, 0.0, 0.0, 0.0047281324, 0.0, 0.0, 0.0, 0.0023640662, 0.0070921984, 0.0047281324, 0.0023640662, 0.0, 0.0023640662, 0.011820331, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.009456265, 0.009456265, 0.0, 0.0, 0.0047281324, 0.0, 0.0, 0.0, 0.0047281324, 0.0023640662, 0.0023640662, 0.0, 0.0047281324, 0.0023640662, 0.0047281324, 0.0, 0.0, 0.0, 0.0047281324, 0.0023640662, 0.0023640662, 0.0023640662, 0.0, 0.0023640662, 0.0, 0.0, 0.0023640662, 0.0, 0.0, 0.0, 0.0, 0.0070921984, 0.0023640662, 0.0023640662, 0.011820331, 0.0, 0.0, 0.0, 0.0070921984, 0.0023640662, 0.0, 0.0047281324, 0.0, 0.0023640662, 0.0023640662, 0.0, 0.0, 0.0, 0.0023640662, 0.0, 0.0, 0.0, 0.0047281324, 0.0023640662, 0.0023640662, 0.0023640662 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0068807337, 0.0045871558, 0.0045871558, 0.0022935779, 0.0045871558, 0.0, 0.0068807337, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0045871558, 0.0045871558, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0022935779, 0.0, 0.0045871558, 0.0, 0.0068807337, 0.0068807337, 0.0, 0.0045871558, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0091743115, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0022935779, 0.0206422, 0.0045871558, 0.0, 0.0, 0.011467889, 0.0045871558, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0022935779, 0.0022935779, 0.0022935779, 0.0068807337, 0.0, 0.0045871558, 0.0022935779, 0.0068807337, 0.0045871558, 0.025229357, 0.0045871558, 0.0, 0.0068807337, 0.0045871558, 0.0, 0.011467889, 0.0045871558, 0.0045871558, 0.0, 0.0045871558, 0.0068807337, 0.0, 0.0, 0.0022935779, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0045871558, 0.0022935779, 0.0045871558, 0.0045871558, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0068807337, 0.0022935779, 0.0, 0.0, 0.0045871558, 0.011467889, 0.0022935779, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0068807337, 0.0045871558, 0.0068807337, 0.0045871558, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0045871558, 0.0, 0.0, 0.0022935779, 0.0045871558, 0.0022935779, 0.0045871558, 0.0022935779, 0.0045871558, 0.0022935779, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0068807337, 0.0022935779, 0.0045871558, 0.0, 0.0068807337, 0.0068807337, 0.013761467, 0.0045871558, 0.0068807337, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0022935779, 0.0045871558, 0.0, 0.0022935779, 0.0068807337, 0.0, 0.0045871558, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0068807337, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0022935779, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0022935779, 0.0045871558, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0045871558, 0.0045871558, 0.0022935779, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0068807337, 0.0045871558, 0.0, 0.0022935779, 0.0068807337, 0.0, 0.0022935779, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0045871558, 0.0068807337, 0.0045871558, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0022935779, 0.0068807337, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0045871558, 0.0022935779, 0.0068807337, 0.0022935779, 0.0022935779, 0.0045871558, 0.0, 0.0022935779, 0.0045871558, 0.0022935779, 0.0045871558, 0.0045871558, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0045871558, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0091743115, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0022935779, 0.0045871558, 0.0022935779, 0.0022935779, 0.0, 0.0, 0.0, 0.0068807337, 0.0091743115, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0068807337, 0.0, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0, 0.0045871558, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0, 0.0091743115, 0.0022935779, 0.0045871558, 0.0045871558, 0.0022935779, 0.013761467, 0.0, 0.0, 0.0068807337, 0.0, 0.0045871558, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0022935779, 0.0045871558, 0.0, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0045871558, 0.0045871558, 0.0022935779, 0.0068807337, 0.0068807337, 0.0, 0.0022935779, 0.0, 0.0022935779, 0.0022935779, 0.0, 0.0045871558, 0.0, 0.0022935779, 0.0, 0.0, 0.0, 0.0045871558, 0.0068807337, 0.0, 0.0, 0.0045871558, 0.0, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0022935779, 0.0068807337, 0.0022935779, 0.0, 0.0091743115, 0.0, 0.0, 0.0045871558, 0.011467889, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0068807337, 0.0022935779, 0.0, 0.0, 0.0022935779, 0.0 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.010526316, 0.0, 0.010526316, 0.0, 0.0, 0.010526316, 0.010526316, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.03157895, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.03157895, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.0, 0.010526316, 0.0, 0.021052632, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.021052632, 0.0, 0.021052632, 0.0, 0.0, 0.021052632, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.021052632, 0.021052632, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.010526316, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.021052632, 0.0, 0.0, 0.021052632, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.021052632, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.042105265, 0.010526316, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.05263158, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.010526316, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010526316 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0022271716, 0.0011135858, 0.0033407575, 0.0, 0.004454343, 0.0, 0.0, 0.006681515, 0.0, 0.0022271716, 0.0022271716, 0.0022271716, 0.0022271716, 0.004454343, 0.0022271716, 0.0, 0.0033407575, 0.0077951006, 0.0033407575, 0.004454343, 0.0022271716, 0.004454343, 0.0011135858, 0.0077951006, 0.0, 0.005567929, 0.0033407575, 0.0022271716, 0.0011135858, 0.0077951006, 0.005567929, 0.0011135858, 0.0022271716, 0.0077951006, 0.004454343, 0.005567929, 0.0011135858, 0.004454343, 0.0, 0.0011135858, 0.0011135858, 0.0022271716, 0.0033407575, 0.0, 0.0022271716, 0.0022271716, 0.005567929, 0.0, 0.0022271716, 0.0011135858, 0.0033407575, 0.011135858, 0.0, 0.004454343, 0.0, 0.004454343, 0.0033407575, 0.0033407575, 0.0033407575, 0.0, 0.0, 0.0033407575, 0.0, 0.004454343, 0.0011135858, 0.004454343, 0.0011135858, 0.0033407575, 0.0011135858, 0.0033407575, 0.0011135858, 0.0, 0.0, 0.004454343, 0.0022271716, 0.005567929, 0.0022271716, 0.0, 0.0033407575, 0.0011135858, 0.0011135858, 0.0033407575, 0.0011135858, 0.0011135858, 0.0011135858, 0.0011135858, 0.0, 0.010022272, 0.0033407575, 0.0033407575, 0.004454343, 0.0077951006, 0.0, 0.0033407575, 0.0022271716, 0.0, 0.0011135858, 0.0, 0.0022271716, 0.0, 0.0011135858, 0.0022271716, 0.0033407575, 0.0033407575, 0.0011135858, 0.0033407575, 0.0011135858, 0.0011135858, 0.0033407575, 0.0011135858, 0.0022271716, 0.0022271716, 0.0022271716, 0.0011135858, 0.0011135858, 0.006681515, 0.0033407575, 0.0011135858, 0.0022271716, 0.0022271716, 0.006681515, 0.0011135858, 0.0011135858, 0.0011135858, 0.0022271716, 0.0, 0.004454343, 0.0011135858, 0.005567929, 0.004454343, 0.0033407575, 0.0022271716, 0.004454343, 0.0011135858, 0.0077951006, 0.0077951006, 0.0033407575, 0.0033407575, 0.0, 0.0, 0.0011135858, 0.0022271716, 0.0011135858, 0.0, 0.0011135858, 0.0077951006, 0.006681515, 0.0022271716, 0.0, 0.010022272, 0.005567929, 0.0022271716, 0.0022271716, 0.005567929, 0.0022271716, 0.0022271716, 0.0011135858, 0.0022271716, 0.0022271716, 0.0011135858, 0.0, 0.0011135858, 0.008908686, 0.0, 0.0, 0.0, 0.004454343, 0.004454343, 0.0, 0.0011135858, 0.004454343, 0.0, 0.0022271716, 0.0, 0.0022271716, 0.0022271716, 0.0033407575, 0.006681515, 0.0, 0.0, 0.0, 0.0, 0.004454343, 0.0, 0.0011135858, 0.004454343, 0.004454343, 0.004454343, 0.0011135858, 0.0011135858, 0.004454343, 0.0, 0.0033407575, 0.0011135858, 0.0, 0.0, 0.0011135858, 0.0, 0.0077951006, 0.0033407575, 0.0011135858, 0.0022271716, 0.0033407575, 0.0, 0.0011135858, 0.0, 0.0033407575, 0.0011135858, 0.0, 0.0022271716, 0.0011135858, 0.0022271716, 0.005567929, 0.0011135858, 0.0011135858, 0.004454343, 0.0011135858, 0.0022271716, 0.005567929, 0.005567929, 0.0022271716, 0.0033407575, 0.004454343, 0.004454343, 0.0033407575, 0.0033407575, 0.0033407575, 0.0077951006, 0.0022271716, 0.0033407575, 0.0, 0.0, 0.0022271716, 0.0011135858, 0.0, 0.005567929, 0.0011135858, 0.0011135858, 0.0, 0.004454343, 0.0033407575, 0.0, 0.0, 0.0022271716, 0.0, 0.0022271716, 0.0, 0.0033407575, 0.0022271716, 0.004454343, 0.0011135858, 0.004454343, 0.0011135858, 0.005567929, 0.0022271716, 0.0, 0.004454343, 0.0011135858, 0.0033407575, 0.005567929, 0.004454343, 0.0022271716, 0.005567929, 0.0011135858, 0.0033407575, 0.0, 0.005567929, 0.0011135858, 0.0022271716, 0.0022271716, 0.0022271716, 0.0022271716, 0.004454343, 0.0022271716, 0.0, 0.004454343, 0.0011135858, 0.0033407575, 0.0022271716, 0.004454343, 0.0, 0.0022271716, 0.0011135858, 0.0, 0.005567929, 0.0022271716, 0.0022271716, 0.0022271716, 0.0033407575, 0.005567929, 0.004454343, 0.0, 0.0022271716, 0.0011135858, 0.0011135858, 0.0033407575, 0.006681515, 0.0011135858, 0.0, 0.005567929, 0.0033407575, 0.0011135858, 0.0022271716, 0.0022271716, 0.0011135858, 0.0011135858, 0.0022271716, 0.0022271716, 0.0, 0.0011135858, 0.0, 0.0, 0.0, 0.0011135858, 0.0033407575, 0.0011135858, 0.0, 0.005567929, 0.0011135858, 0.0033407575, 0.0022271716, 0.006681515, 0.0011135858, 0.0022271716, 0.0033407575, 0.0, 0.0, 0.005567929, 0.0, 0.0011135858, 0.005567929, 0.0011135858, 0.0022271716, 0.0011135858, 0.0011135858, 0.0011135858, 0.0, 0.004454343, 0.0022271716, 0.0011135858, 0.004454343, 0.0033407575, 0.004454343, 0.0, 0.0, 0.0077951006, 0.0011135858, 0.0011135858, 0.0011135858, 0.0022271716, 0.004454343, 0.0033407575, 0.0011135858, 0.004454343, 0.0033407575, 0.004454343, 0.0022271716, 0.0, 0.0, 0.0011135858, 0.004454343, 0.008908686, 0.0022271716, 0.0011135858, 0.0, 0.0, 0.0, 0.0022271716, 0.0, 0.005567929, 0.0, 0.0, 0.0011135858, 0.0011135858, 0.0077951006, 0.0077951006, 0.004454343, 0.0011135858, 0.0011135858, 0.0, 0.0011135858, 0.0033407575, 0.004454343, 0.0011135858, 0.004454343, 0.006681515, 0.0022271716, 0.005567929, 0.0, 0.0011135858, 0.0, 0.0, 0.005567929, 0.011135858, 0.0022271716, 0.0022271716, 0.0011135858, 0.0022271716, 0.0011135858, 0.0077951006 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.007194245, 0.007194245, 0.007194245, 0.007194245, 0.0035971224, 0.007194245, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.007194245, 0.0, 0.0, 0.01438849, 0.007194245, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.007194245, 0.0, 0.0, 0.0035971224, 0.0, 0.007194245, 0.0, 0.0, 0.007194245, 0.0, 0.007194245, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.010791367, 0.007194245, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007194245, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.010791367, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.01438849, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.007194245, 0.007194245, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.007194245, 0.0035971224, 0.007194245, 0.0, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.007194245, 0.0035971224, 0.0, 0.0, 0.0, 0.010791367, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.007194245, 0.0035971224, 0.0, 0.007194245, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010791367, 0.007194245, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.007194245, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.007194245, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.010791367, 0.007194245, 0.007194245, 0.0035971224, 0.0035971224, 0.007194245, 0.0, 0.007194245, 0.0, 0.0, 0.010791367, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0, 0.007194245, 0.010791367, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.007194245, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.01438849, 0.0, 0.0035971224, 0.0, 0.0, 0.010791367, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.0035971224, 0.007194245, 0.0035971224, 0.017985612, 0.0, 0.007194245, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.007194245, 0.007194245, 0.0, 0.0, 0.0035971224, 0.007194245, 0.0035971224, 0.0, 0.007194245, 0.0, 0.0, 0.0, 0.007194245, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.010791367, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0035971224, 0.0, 0.0, 0.0, 0.007194245, 0.0, 0.007194245, 0.0, 0.0035971224, 0.01438849, 0.0, 0.007194245, 0.007194245, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0, 0.007194245, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0, 0.010791367, 0.0035971224, 0.0, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.007194245, 0.0, 0.007194245, 0.007194245, 0.0035971224, 0.0, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0, 0.0, 0.007194245, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.007194245, 0.0, 0.0, 0.010791367, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.0, 0.010791367, 0.0, 0.0, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0035971224, 0.0, 0.0, 0.007194245, 0.007194245, 0.0, 0.007194245, 0.007194245, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007194245, 0.0, 0.0035971224, 0.0035971224 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0045871558, 0.0091743115, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0091743115, 0.0045871558, 0.0045871558, 0.0091743115, 0.0045871558, 0.0, 0.0091743115, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.013761467, 0.013761467, 0.0091743115, 0.0045871558, 0.0, 0.0045871558, 0.0091743115, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.022935778, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0091743115, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0045871558, 0.0091743115, 0.0045871558, 0.0091743115, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.013761467, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0045871558, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0091743115, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0091743115, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0091743115, 0.0, 0.0045871558, 0.018348623, 0.0, 0.013761467, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.013761467, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.013761467, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0091743115, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.013761467, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.018348623, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0091743115, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0091743115, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0091743115, 0.0, 0.0045871558, 0.013761467, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0091743115, 0.0045871558, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558, 0.0, 0.0, 0.018348623, 0.0, 0.0, 0.0, 0.013761467, 0.013761467, 0.0, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0045871558, 0.0045871558, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045871558 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.0, 0.007751938, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.0, 0.007751938, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.003875969, 0.003875969, 0.0, 0.015503876, 0.0, 0.003875969, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.007751938, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.019379845, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.011627907, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.011627907, 0.003875969, 0.0, 0.0, 0.0, 0.007751938, 0.003875969, 0.0, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.007751938, 0.0, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.003875969, 0.007751938, 0.0, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.023255814, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.011627907, 0.0, 0.007751938, 0.0, 0.0, 0.007751938, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.007751938, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.011627907, 0.003875969, 0.0, 0.019379845, 0.0, 0.0, 0.0, 0.003875969, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.007751938, 0.003875969, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.007751938, 0.007751938, 0.0, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.0, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.003875969, 0.0, 0.003875969, 0.0, 0.011627907, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.015503876, 0.003875969, 0.003875969, 0.0, 0.007751938, 0.003875969, 0.0, 0.003875969, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.003875969, 0.007751938, 0.003875969, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007751938, 0.011627907, 0.0, 0.011627907, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.015503876, 0.0, 0.003875969, 0.011627907, 0.003875969, 0.0, 0.0, 0.0, 0.015503876, 0.0, 0.0, 0.003875969, 0.0, 0.015503876, 0.0, 0.0, 0.011627907, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.0, 0.007751938, 0.0, 0.0, 0.0, 0.007751938, 0.003875969, 0.0, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.0, 0.003875969, 0.003875969, 0.0, 0.003875969, 0.0, 0.015503876, 0.0, 0.003875969, 0.007751938, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.011627907, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.0, 0.0, 0.003875969, 0.003875969, 0.003875969, 0.0, 0.015503876, 0.0, 0.007751938, 0.0 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.013636364, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.009090909, 0.018181818, 0.0, 0.0, 0.0, 0.0, 0.0, 0.022727272, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.009090909, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0045454544, 0.009090909, 0.0, 0.013636364, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.013636364, 0.009090909, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0, 0.009090909, 0.013636364, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.054545455, 0.0, 0.009090909, 0.009090909, 0.009090909, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.013636364, 0.009090909, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.009090909, 0.013636364, 0.0, 0.0, 0.0, 0.009090909, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.018181818, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0, 0.0045454544, 0.009090909, 0.009090909, 0.0, 0.0, 0.0, 0.013636364, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013636364, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.009090909, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0045454544, 0.009090909, 0.0, 0.0045454544, 0.0, 0.009090909, 0.0045454544, 0.0, 0.0045454544, 0.0, 0.0, 0.009090909, 0.0, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0045454544, 0.009090909, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0045454544, 0.0, 0.0, 0.0045454544, 0.0, 0.0, 0.0, 0.0 ]

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400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.001858736, 0.0, 0.0, 0.003717472, 0.0, 0.0, 0.003717472, 0.0, 0.001858736, 0.003717472, 0.0, 0.0055762082, 0.0, 0.001858736, 0.0, 0.0055762082, 0.00929368, 0.0, 0.00929368, 0.007434944, 0.003717472, 0.001858736, 0.007434944, 0.001858736, 0.0055762082, 0.001858736, 0.001858736, 0.0, 0.0, 0.0055762082, 0.003717472, 0.0, 0.001858736, 0.001858736, 0.0055762082, 0.001858736, 0.007434944, 0.001858736, 0.0, 0.001858736, 0.0055762082, 0.0, 0.0055762082, 0.003717472, 0.003717472, 0.001858736, 0.0, 0.0, 0.001858736, 0.001858736, 0.007434944, 0.003717472, 0.0, 0.0, 0.001858736, 0.0, 0.003717472, 0.003717472, 0.0, 0.0, 0.001858736, 0.0055762082, 0.0, 0.001858736, 0.001858736, 0.003717472, 0.001858736, 0.0, 0.0, 0.0, 0.003717472, 0.0, 0.0111524165, 0.003717472, 0.0055762082, 0.001858736, 0.0, 0.001858736, 0.0, 0.0, 0.003717472, 0.001858736, 0.001858736, 0.001858736, 0.003717472, 0.0, 0.003717472, 0.0, 0.001858736, 0.001858736, 0.001858736, 0.0, 0.0055762082, 0.007434944, 0.0055762082, 0.003717472, 0.0055762082, 0.001858736, 0.003717472, 0.0055762082, 0.0, 0.001858736, 0.001858736, 0.001858736, 0.001858736, 0.001858736, 0.001858736, 0.0055762082, 0.003717472, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.007434944, 0.001858736, 0.0055762082, 0.0, 0.003717472, 0.007434944, 0.0055762082, 0.0, 0.003717472, 0.001858736, 0.0, 0.0, 0.0, 0.0, 0.001858736, 0.0055762082, 0.0055762082, 0.003717472, 0.0, 0.0, 0.001858736, 0.001858736, 0.003717472, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003717472, 0.001858736, 0.00929368, 0.003717472, 0.001858736, 0.0055762082, 0.007434944, 0.003717472, 0.003717472, 0.0055762082, 0.007434944, 0.001858736, 0.0, 0.001858736, 0.001858736, 0.003717472, 0.001858736, 0.003717472, 0.0, 0.0, 0.0, 0.007434944, 0.0, 0.001858736, 0.0055762082, 0.0055762082, 0.001858736, 0.003717472, 0.003717472, 0.003717472, 0.0, 0.0, 0.003717472, 0.0, 0.001858736, 0.0, 0.001858736, 0.0, 0.003717472, 0.001858736, 0.0, 0.003717472, 0.001858736, 0.003717472, 0.0, 0.0, 0.001858736, 0.003717472, 0.001858736, 0.001858736, 0.0, 0.0, 0.001858736, 0.0055762082, 0.001858736, 0.0, 0.0055762082, 0.007434944, 0.003717472, 0.0, 0.0, 0.003717472, 0.001858736, 0.001858736, 0.0055762082, 0.001858736, 0.003717472, 0.003717472, 0.003717472, 0.001858736, 0.0, 0.003717472, 0.0, 0.0111524165, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.001858736, 0.0055762082, 0.0, 0.003717472, 0.003717472, 0.0055762082, 0.003717472, 0.013011152, 0.0, 0.003717472, 0.0, 0.001858736, 0.003717472, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.001858736, 0.001858736, 0.0, 0.0055762082, 0.001858736, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.003717472, 0.0, 0.001858736, 0.003717472, 0.0, 0.001858736, 0.0, 0.0055762082, 0.001858736, 0.0, 0.0055762082, 0.001858736, 0.0055762082, 0.003717472, 0.00929368, 0.001858736, 0.003717472, 0.0, 0.0, 0.0, 0.0055762082, 0.003717472, 0.0055762082, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.001858736, 0.0, 0.0, 0.003717472, 0.003717472, 0.003717472, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.001858736, 0.00929368, 0.0055762082, 0.0, 0.003717472, 0.0, 0.0111524165, 0.007434944, 0.001858736, 0.0, 0.003717472, 0.003717472, 0.007434944, 0.003717472, 0.007434944, 0.0, 0.0055762082, 0.003717472, 0.001858736, 0.0, 0.003717472, 0.001858736, 0.0, 0.001858736, 0.0, 0.0055762082, 0.0, 0.0, 0.001858736, 0.0, 0.0, 0.0055762082, 0.003717472, 0.0, 0.0055762082, 0.001858736, 0.007434944, 0.0, 0.003717472, 0.003717472, 0.003717472, 0.001858736, 0.0, 0.001858736, 0.001858736, 0.001858736, 0.0, 0.001858736, 0.0, 0.0055762082, 0.003717472, 0.001858736, 0.0, 0.003717472, 0.001858736, 0.003717472, 0.003717472, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.001858736, 0.003717472, 0.013011152, 0.0, 0.003717472, 0.0, 0.0, 0.001858736, 0.0, 0.0, 0.001858736, 0.0, 0.001858736, 0.003717472, 0.001858736, 0.0, 0.0, 0.0, 0.0, 0.001858736, 0.001858736, 0.001858736, 0.0, 0.0, 0.013011152, 0.007434944, 0.003717472, 0.0, 0.001858736, 0.003717472, 0.003717472, 0.0, 0.0055762082, 0.001858736, 0.001858736, 0.00929368, 0.003717472, 0.001858736, 0.0, 0.0, 0.0, 0.001858736, 0.0, 0.0055762082, 0.0, 0.003717472, 0.001858736, 0.001858736, 0.001858736, 0.007434944 ]

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17/02/15 21:58:18 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0064\_m\_000002\_248' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/histograms/\_temporary/0/task\_201702152158\_0064\_m\_000002

17/02/15 21:58:18 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0064\_m\_000000\_246' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/histograms/\_temporary/0/task\_201702152158\_0064\_m\_000000

17/02/15 21:58:18 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0064\_m\_000001\_247' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/histograms/\_temporary/0/task\_201702152158\_0064\_m\_000001

17/02/15 21:58:18 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152158\_0064\_m\_000003\_249' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/histograms/\_temporary/0/task\_201702152158\_0064\_m\_000003

Total size : 60

numTrees 4 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 21:58:19 INFO FileInputFormat: Total input paths to process : 4

17/02/15 21:58:19 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 4 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 21:58:23 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 3.0

0.9047619047619048

numTrees 4 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 21:58:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 21:58:27 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 4 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 21:58:29 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.23809523809523808

|=================== Confusion matrix ==========================

3.0 1.0 1.0 0.0

1.0 3.0 0.0 1.0

0.0 0.0 7.0 0.0

0.0 1.0 0.0 3.0

0.7619047619047619

numTrees 4 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 21:58:31 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 4 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 21:58:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 4 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 21:58:35 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 21:58:37 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 1.0 2.0

0.0 0.0 7.0 0.0

0.0 0.0 0.0 2.0

0.8095238095238095

numTrees 4 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 21:58:38 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 1.0 0.0

0.0 0.0 7.0 2.0

0.0 0.0 0.0 2.0

0.8571428571428571

numTrees 4 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 21:58:39 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 4 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 21:58:41 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 1.0 0.0 3.0

0.9047619047619048

numTrees 4 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 21:58:42 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 4 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 21:58:43 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 21:58:44 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 21:58:46 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

1.0 0.0 0.0 0.0

1.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

2.0 0.0 0.0 3.0

0.8095238095238095

numTrees 4 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 21:58:47 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.2857142857142857

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 4.0 1.0 1.0

0.0 1.0 6.0 1.0

0.0 0.0 1.0 2.0

0.7142857142857143

numTrees 4 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 21:58:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

1.0 0.0 0.0 0.0

2.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.8571428571428571

numTrees 4 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 21:58:50 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 0.0 0.0 1.0

1.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 2.0

0.8571428571428571

numTrees 4 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 21:58:51 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 7.0 1.0

0.0 0.0 1.0 2.0

0.8571428571428571

numTrees 4 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 21:58:52 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

2.0 5.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 0.0 1.0 4.0

0.8571428571428571

numTrees 4 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 21:58:53 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

2.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.8571428571428571

numTrees 4 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 21:58:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 4 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 21:58:56 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 21:58:57 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.23809523809523808

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 1.0 3.0

0.0 0.0 7.0 0.0

0.0 0.0 0.0 1.0

0.7619047619047619

numTrees 4 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 21:58:58 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 4 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 21:59:00 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 4 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 21:59:01 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 4 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 21:59:03 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 2.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 3.0 0.0 4.0

0.8571428571428571

numTrees 4 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 21:59:04 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 1.0 0.0 3.0

0.9047619047619048

numTrees 4 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 21:59:06 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 4 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 21:59:07 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 0.0 1.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 21:59:09 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 4.0 0.0 1.0

0.0 0.0 8.0 0.0

1.0 1.0 0.0 3.0

0.8571428571428571

numTrees 5 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 21:59:10 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 5 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 21:59:12 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 21:59:14 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 21:59:16 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 21:59:17 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 21:59:19 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 21:59:21 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 5 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 21:59:23 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 1.0 1.0 0.0

0.0 3.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 1.0 0.0 4.0

0.8571428571428571

numTrees 5 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 21:59:24 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 1.0

0.0 1.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 5 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 21:59:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 21:59:26 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 21:59:28 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 1.0 0.0 0.0

0.0 3.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 1.0 0.0 4.0

0.8571428571428571

numTrees 5 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 21:59:29 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 21:59:30 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 21:59:31 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 1.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 21:59:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 3.0

0.9047619047619048

numTrees 5 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 21:59:34 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 3.0 0.0 0.0

0.0 1.0 8.0 1.0

0.0 0.0 0.0 3.0

0.8571428571428571

numTrees 5 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 21:59:35 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 21:59:36 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 21:59:37 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

1.0 3.0 0.0 0.0

1.0 0.0 8.0 0.0

0.0 2.0 0.0 4.0

0.8095238095238095

numTrees 5 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 21:59:38 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 2.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 5 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 21:59:39 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 21:59:41 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 1.0 0.0 0.0

1.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9047619047619048

numTrees 5 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 21:59:43 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 5 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 21:59:44 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 1.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 5 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 21:59:45 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 21:59:47 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 1.0

1.0 0.0 0.0 2.0

0.8571428571428571

numTrees 5 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 21:59:48 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 4.0 0.0 2.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 2.0

0.8571428571428571

numTrees 5 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 21:59:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 1.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 5 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 21:59:50 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 5 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 21:59:52 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 21:59:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9047619047619048

numTrees 6 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 21:59:56 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 0.0 1.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 21:59:58 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 22:00:00 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 22:00:02 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 22:00:04 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 6 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 22:00:06 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 22:00:08 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 6 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 22:00:10 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 6 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 22:00:11 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 22:00:12 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 22:00:13 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 22:00:15 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

3.0 1.0 0.0 0.0

0.0 3.0 0.0 0.0

0.0 0.0 7.0 0.0

1.0 1.0 1.0 4.0

0.8095238095238095

numTrees 6 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 22:00:16 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 3.0 0.0 0.0

0.0 1.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9047619047619048

numTrees 6 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 22:00:17 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 0.0 1.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 22:00:18 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 22:00:19 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

1.0 0.0 0.0 3.0

0.9047619047619048

numTrees 6 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 22:00:20 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 1.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 6 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 22:00:21 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 22:00:22 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 22:00:24 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 2.0

1.0 0.0 8.0 0.0

0.0 0.0 0.0 2.0

0.8571428571428571

numTrees 6 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 22:00:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 1.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9047619047619048

numTrees 6 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 22:00:26 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 6 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 22:00:27 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 22:00:28 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 7.0 0.0

0.0 0.0 1.0 3.0

0.9047619047619048

numTrees 6 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 22:00:29 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 1.0 2.0

0.0 0.0 7.0 0.0

0.0 0.0 0.0 2.0

0.8571428571428571

numTrees 6 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 22:00:30 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 6 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 22:00:32 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 22:00:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 1.0 1.0 4.0

0.9047619047619048

numTrees 6 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 22:00:34 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 6 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 22:00:36 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 6 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 22:00:38 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 7 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 22:00:39 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 22:00:41 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 7 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 22:00:43 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 7 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 22:00:45 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 7 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 22:00:47 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 22:00:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 22:00:51 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 22:00:53 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 22:00:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 3.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 2.0 0.0 4.0

0.9047619047619048

numTrees 7 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 22:00:56 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 22:00:57 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 22:00:59 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 22:01:00 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 3.0

0.9047619047619048

numTrees 7 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 22:01:01 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 22:01:02 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 7 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 22:01:04 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 22:01:05 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 7 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 22:01:06 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 22:01:07 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 1.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 22:01:09 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 22:01:10 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 3.0 0.0 0.0

0.0 1.0 8.0 0.0

0.0 1.0 0.0 4.0

0.8571428571428571

numTrees 7 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 22:01:11 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 22:01:12 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 22:01:13 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 22:01:14 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 1.0 1.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 0.0 0.0 4.0

0.9047619047619048

numTrees 7 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 22:01:15 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

1.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 22:01:17 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 22:01:19 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 22:01:21 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 22:01:22 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 7 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 22:01:23 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 7 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 22:01:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 22:01:26 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 22:01:28 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 22:01:30 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 22:01:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 22:01:36 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 8 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 22:01:37 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 1.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 8 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 22:01:40 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 8 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 22:01:42 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 22:01:44 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

2.0 0.0 0.0 1.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

2.0 1.0 0.0 3.0

0.8095238095238095

numTrees 8 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 22:01:45 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 22:01:46 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 2.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 8 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 22:01:48 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 22:01:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 8 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 22:01:50 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 22:01:51 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 22:01:52 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 22:01:53 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.23809523809523808

|=================== Confusion matrix ==========================

3.0 1.0 0.0 0.0

1.0 4.0 1.0 2.0

0.0 0.0 7.0 0.0

0.0 0.0 0.0 2.0

0.7619047619047619

numTrees 8 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 22:01:54 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 22:01:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 22:01:56 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 8 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 22:01:58 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 2.0

0.0 0.0 0.0 1.0

0.8571428571428571

numTrees 8 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 22:01:59 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 22:02:00 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 22:02:01 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 22:02:02 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 8 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 22:02:03 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 8 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 22:02:05 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 22:02:06 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 22:02:08 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9523809523809523

numTrees 8 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 22:02:10 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 22:02:11 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 8 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 22:02:13 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 22:02:14 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 22:02:16 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 22:02:19 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 9 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 22:02:21 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 22:02:23 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 9 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 22:02:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 9 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 22:02:28 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 22:02:30 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 22:02:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 22:02:34 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 1.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 9 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 22:02:35 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 22:02:37 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 22:02:38 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 3.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 2.0 0.0 3.0

0.8571428571428571

numTrees 9 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 22:02:39 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 22:02:40 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 22:02:41 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 22:02:42 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

3.0 1.0 0.0 0.0

1.0 4.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.8571428571428571

numTrees 9 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 22:02:43 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 9 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 22:02:44 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 22:02:45 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 22:02:47 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 9 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 22:02:48 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 22:02:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 9 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 22:02:50 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 9 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 22:02:51 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.19047619047619047

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 4.0 0.0 2.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 2.0

0.8095238095238095

numTrees 9 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 22:02:52 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 4.0

0.9523809523809523

numTrees 9 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 22:02:54 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 22:02:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 9 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 22:02:58 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 7.0 0.0

0.0 1.0 1.0 4.0

0.9047619047619048

numTrees 9 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 22:02:59 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 22:03:00 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 9 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 22:03:02 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity gini maxDepth 3

17/02/15 22:03:04 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity gini maxDepth 4

17/02/15 22:03:06 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 10 featureSubsetStrategy all impurity gini maxDepth 5

17/02/15 22:03:08 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity gini maxDepth 6

17/02/15 22:03:11 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity entropy maxDepth 3

17/02/15 22:03:14 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity entropy maxDepth 4

17/02/15 22:03:16 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 10 featureSubsetStrategy all impurity entropy maxDepth 5

17/02/15 22:03:18 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy all impurity entropy maxDepth 6

17/02/15 22:03:21 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy sqrt impurity gini maxDepth 3

17/02/15 22:03:23 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 10 featureSubsetStrategy sqrt impurity gini maxDepth 4

17/02/15 22:03:24 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy sqrt impurity gini maxDepth 5

17/02/15 22:03:25 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy sqrt impurity gini maxDepth 6

17/02/15 22:03:26 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 10 featureSubsetStrategy sqrt impurity entropy maxDepth 3

17/02/15 22:03:28 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 1.0 8.0 1.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 10 featureSubsetStrategy sqrt impurity entropy maxDepth 4

17/02/15 22:03:29 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy sqrt impurity entropy maxDepth 5

17/02/15 22:03:30 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy sqrt impurity entropy maxDepth 6

17/02/15 22:03:31 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy log2 impurity gini maxDepth 3

17/02/15 22:03:32 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy log2 impurity gini maxDepth 4

17/02/15 22:03:33 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.14285714285714285

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

2.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.8571428571428571

numTrees 10 featureSubsetStrategy log2 impurity gini maxDepth 5

17/02/15 22:03:34 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy log2 impurity gini maxDepth 6

17/02/15 22:03:36 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

1.0 0.0 0.0 4.0

0.9523809523809523

numTrees 10 featureSubsetStrategy log2 impurity entropy maxDepth 3

17/02/15 22:03:37 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 1.0 0.0 0.0

0.0 4.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9523809523809523

numTrees 10 featureSubsetStrategy log2 impurity entropy maxDepth 4

17/02/15 22:03:39 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy log2 impurity entropy maxDepth 5

17/02/15 22:03:40 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy log2 impurity entropy maxDepth 6

17/02/15 22:03:41 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy onethird impurity gini maxDepth 3

17/02/15 22:03:42 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 2.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 2.0

0.9047619047619048

numTrees 10 featureSubsetStrategy onethird impurity gini maxDepth 4

17/02/15 22:03:43 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 4.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 1.0 0.0 3.0

0.9047619047619048

numTrees 10 featureSubsetStrategy onethird impurity gini maxDepth 5

17/02/15 22:03:45 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy onethird impurity gini maxDepth 6

17/02/15 22:03:47 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy onethird impurity entropy maxDepth 3

17/02/15 22:03:49 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

3.0 0.0 0.0 0.0

1.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9047619047619048

numTrees 10 featureSubsetStrategy onethird impurity entropy maxDepth 4

17/02/15 22:03:50 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.0

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

1.0

numTrees 10 featureSubsetStrategy onethird impurity entropy maxDepth 5

17/02/15 22:03:52 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.047619047619047616

|=================== Confusion matrix ==========================

4.0 0.0 0.0 0.0

0.0 5.0 0.0 1.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 3.0

0.9523809523809523

numTrees 10 featureSubsetStrategy onethird impurity entropy maxDepth 6

17/02/15 22:03:55 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

Test Error = 0.09523809523809523

|=================== Confusion matrix ==========================

2.0 0.0 0.0 0.0

2.0 5.0 0.0 0.0

0.0 0.0 8.0 0.0

0.0 0.0 0.0 4.0

0.9047619047619048

Best Err 0.0

Best params (featureSubsetStrategy,all) (numTrees,4) (maxDepth,5) (impurity,gini)

17/02/15 22:03:56 WARN DecisionTreeMetadata: DecisionTree reducing maxBins from 100 to 60 (= number of training instances)

17/02/15 22:03:58 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152203\_4759\_m\_000000\_18351' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/nbmodel/metadata/\_temporary/0/task\_201702152203\_4759\_m\_000000

17/02/15 22:03:58 INFO CodecConfig: Compression: GZIP

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Dictionary is on

17/02/15 22:03:58 INFO ParquetOutputFormat: Validation is off

17/02/15 22:03:58 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 22:03:58 INFO CodecConfig: Compression: GZIP

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Dictionary is on

17/02/15 22:03:58 INFO ParquetOutputFormat: Validation is off

17/02/15 22:03:58 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 22:03:58 INFO CodecConfig: Compression: GZIP

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Dictionary is on

17/02/15 22:03:58 INFO ParquetOutputFormat: Validation is off

17/02/15 22:03:58 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 22:03:58 INFO CodecConfig: Compression: GZIP

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet block size to 134217728

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Parquet dictionary page size to 1048576

17/02/15 22:03:58 INFO ParquetOutputFormat: Dictionary is on

17/02/15 22:03:58 INFO ParquetOutputFormat: Validation is off

17/02/15 22:03:58 INFO ParquetOutputFormat: Writer version is: PARQUET\_1\_0

17/02/15 22:03:58 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 22:03:59 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 22:03:59 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 22:03:59 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 66,784

17/02/15 22:03:59 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 67,008

17/02/15 22:03:59 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 66,900

17/02/15 22:03:59 INFO CodecPool: Got brand-new compressor [.gz]

17/02/15 22:03:59 INFO InternalParquetRecordWriter: Flushing mem columnStore to file. allocated memory: 67,000

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 61B for [treeId] INT32: 13 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 88B for [nodeId] INT32: 13 values, 58B raw, 55B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 73B for [predict, predict] DOUBLE: 13 values, 12B raw, 32B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 4 entries, 32B raw, 4B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [predict, prob] DOUBLE: 13 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 7 entries, 56B raw, 7B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [impurity] DOUBLE: 13 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 7 entries, 56B raw, 7B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 55B for [isLeaf] BOOLEAN: 13 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 76B for [split, feature] INT32: 13 values, 33B raw, 43B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [split, threshold] DOUBLE: 13 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 5 entries, 40B raw, 5B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 64B for [split, featureType] INT32: 13 values, 11B raw, 31B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 56B for [split, categories, list, element] DOUBLE: 13 values, 17B raw, 35B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [leftNodeId] INT32: 13 values, 31B raw, 42B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 74B for [rightNodeId] INT32: 13 values, 31B raw, 41B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 120B for [infoGain] DOUBLE: 13 values, 55B raw, 78B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 61B for [treeId] INT32: 15 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 92B for [nodeId] INT32: 15 values, 66B raw, 58B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 73B for [predict, predict] DOUBLE: 15 values, 12B raw, 32B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 4 entries, 32B raw, 4B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [predict, prob] DOUBLE: 15 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 8 entries, 64B raw, 8B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [impurity] DOUBLE: 15 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 8 entries, 64B raw, 8B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 55B for [isLeaf] BOOLEAN: 15 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 80B for [split, feature] INT32: 15 values, 37B raw, 47B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [split, threshold] DOUBLE: 15 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 6 entries, 48B raw, 6B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 64B for [split, featureType] INT32: 15 values, 11B raw, 31B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 56B for [split, categories, list, element] DOUBLE: 15 values, 17B raw, 35B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 77B for [leftNodeId] INT32: 15 values, 35B raw, 44B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 76B for [rightNodeId] INT32: 15 values, 35B raw, 43B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 123B for [infoGain] DOUBLE: 15 values, 63B raw, 81B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 61B for [treeId] INT32: 17 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 97B for [nodeId] INT32: 17 values, 74B raw, 63B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [predict, predict] DOUBLE: 17 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 4 entries, 32B raw, 4B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 79B for [predict, prob] DOUBLE: 17 values, 20B raw, 38B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 9 entries, 72B raw, 9B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 79B for [impurity] DOUBLE: 17 values, 20B raw, 38B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 9 entries, 72B raw, 9B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 56B for [isLeaf] BOOLEAN: 17 values, 9B raw, 29B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 69B for [split, feature] INT32: 17 values, 16B raw, 36B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 6 entries, 24B raw, 6B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 77B for [split, threshold] DOUBLE: 17 values, 16B raw, 36B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 6 entries, 48B raw, 6B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 64B for [split, featureType] INT32: 17 values, 13B raw, 31B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 58B for [split, categories, list, element] DOUBLE: 17 values, 20B raw, 37B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 81B for [leftNodeId] INT32: 17 values, 40B raw, 48B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 81B for [rightNodeId] INT32: 17 values, 40B raw, 48B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 138B for [infoGain] DOUBLE: 17 values, 72B raw, 95B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152203\_4760\_m\_000002\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/nbmodel/data/\_temporary/0/task\_201702152203\_4760\_m\_000002

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 61B for [treeId] INT32: 17 values, 8B raw, 28B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 96B for [nodeId] INT32: 17 values, 74B raw, 62B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 75B for [predict, predict] DOUBLE: 17 values, 14B raw, 34B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 4 entries, 32B raw, 4B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 79B for [predict, prob] DOUBLE: 17 values, 20B raw, 38B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 9 entries, 72B raw, 9B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 79B for [impurity] DOUBLE: 17 values, 20B raw, 38B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 9 entries, 72B raw, 9B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 56B for [isLeaf] BOOLEAN: 17 values, 9B raw, 29B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 86B for [split, feature] INT32: 17 values, 43B raw, 53B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 77B for [split, threshold] DOUBLE: 17 values, 16B raw, 36B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 6 entries, 48B raw, 6B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 64B for [split, featureType] INT32: 17 values, 13B raw, 31B comp, 1 pages, encodings: [BIT\_PACKED, PLAIN\_DICTIONARY, RLE], dic { 1 entries, 4B raw, 1B comp}

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 58B for [split, categories, list, element] DOUBLE: 17 values, 20B raw, 37B comp, 1 pages, encodings: [RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 81B for [leftNodeId] INT32: 17 values, 40B raw, 48B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 81B for [rightNodeId] INT32: 17 values, 40B raw, 48B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO ColumnChunkPageWriteStore: written 134B for [infoGain] DOUBLE: 17 values, 72B raw, 91B comp, 1 pages, encodings: [BIT\_PACKED, RLE, PLAIN]

17/02/15 22:03:59 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152203\_4760\_m\_000001\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/nbmodel/data/\_temporary/0/task\_201702152203\_4760\_m\_000001

17/02/15 22:03:59 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152203\_4760\_m\_000000\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/nbmodel/data/\_temporary/0/task\_201702152203\_4760\_m\_000000

17/02/15 22:03:59 INFO FileOutputCommitter: Saved output of task 'attempt\_201702152203\_4760\_m\_000003\_0' to file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/model/nbmodel/data/\_temporary/0/task\_201702152203\_4760\_m\_000003

17/02/15 22:03:59 INFO ParquetFileReader: Initiating action with parallelism: 5

Random Forest Model generated

17/02/15 22:03:59 INFO FileInputFormat: Total input paths to process : 20

17/02/15 22:03:59 INFO FileInputFormat: Total input paths to process : 20

17/02/15 22:03:59 INFO CombineFileInputFormat: DEBUG: Terminated node allocation with : CompletedNodes: 1, size left: 84076

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/cat/1.jpg

17/02/15 22:04:00 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:00 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:00 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:00 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:00 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:00 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:00 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

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17/02/15 22:04:00 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:00 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:00 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:00 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:00 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:00 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:00 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:00 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:00 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:00 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:00 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:00 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:00 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:00 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:00 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:00 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:00 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.012500001, 0.008333334, 0.004166667, 0.008333334, 0.004166667, 0.008333334, 0.004166667, 0.012500001, 0.016666668, 0.0, 0.012500001, 0.004166667, 0.004166667, 0.0, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.008333334, 0.0, 0.0, 0.0, 0.016666668, 0.004166667, 0.0, 0.0, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.008333334, 0.008333334, 0.004166667, 0.004166667, 0.0, 0.0, 0.012500001, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012500001, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008333334, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.008333334, 0.0, 0.0, 0.0, 0.004166667, 0.004166667, 0.0, 0.012500001, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.0, 0.008333334, 0.0, 0.008333334, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.012500001, 0.004166667, 0.0, 0.004166667, 0.008333334, 0.0, 0.012500001, 0.004166667, 0.004166667, 0.0, 0.008333334, 0.004166667, 0.0, 0.0, 0.0, 0.012500001, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.008333334, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.016666668, 0.0, 0.0, 0.0, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.008333334, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.008333334, 0.008333334, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.004166667, 0.012500001, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.008333334, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.008333334, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.012500001, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.012500001, 0.0, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.008333334, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.020833334, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.008333334, 0.0, 0.0, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008333334, 0.012500001, 0.0, 0.0, 0.008333334, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.008333334, 0.0, 0.004166667, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.004166667, 0.012500001, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.008333334, 0.0, 0.0, 0.004166667, 0.004166667, 0.004166667, 0.0, 0.008333334, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.004166667, 0.0, 0.0, 0.0, 0.0, 0.004166667, 0.0, 0.004166667, 0.0, 0.0, 0.004166667 ]

--Histogram size : 400

17/02/15 22:04:01 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:01 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:01 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:01 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:01 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:01 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:01 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:01 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:01 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:01 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:01 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:01 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:01 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 15

17/02/15 22:04:01 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:01 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:01 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:01 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:01 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:01 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:01 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:01 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:01 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:02 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:02 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:02 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : cat as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/cat/2.jpg

17/02/15 22:04:02 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:02 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:02 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:02 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:02 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:02 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:02 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:03 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:03 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:03 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:03 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:03 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:03 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:03 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:03 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:03 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:03 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:03 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:03 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:03 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:03 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:03 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:03 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:03 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:03 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.004938272, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.0, 0.0, 0.0, 0.002469136, 0.0, 0.002469136, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.0, 0.0074074077, 0.0, 0.0, 0.0, 0.0, 0.0074074077, 0.0074074077, 0.0074074077, 0.004938272, 0.0, 0.009876544, 0.002469136, 0.009876544, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.004938272, 0.004938272, 0.0, 0.0, 0.004938272, 0.002469136, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.0, 0.0, 0.0, 0.004938272, 0.002469136, 0.002469136, 0.009876544, 0.0, 0.002469136, 0.0, 0.002469136, 0.0, 0.0, 0.0, 0.002469136, 0.0, 0.002469136, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.002469136, 0.0, 0.009876544, 0.0, 0.002469136, 0.0, 0.0074074077, 0.009876544, 0.004938272, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004938272, 0.0074074077, 0.004938272, 0.004938272, 0.002469136, 0.0, 0.0, 0.0, 0.004938272, 0.002469136, 0.0, 0.0, 0.0, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.0074074077, 0.0, 0.002469136, 0.002469136, 0.0, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.0, 0.004938272, 0.0074074077, 0.004938272, 0.0, 0.002469136, 0.0, 0.0, 0.002469136, 0.004938272, 0.002469136, 0.009876544, 0.0, 0.002469136, 0.002469136, 0.004938272, 0.004938272, 0.002469136, 0.0, 0.0, 0.004938272, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.0, 0.0, 0.0074074077, 0.004938272, 0.0, 0.002469136, 0.0, 0.002469136, 0.004938272, 0.002469136, 0.002469136, 0.0, 0.0, 0.0, 0.002469136, 0.0, 0.002469136, 0.0074074077, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.004938272, 0.0, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.0074074077, 0.002469136, 0.0074074077, 0.004938272, 0.0, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.0074074077, 0.004938272, 0.0, 0.002469136, 0.0, 0.004938272, 0.004938272, 0.004938272, 0.004938272, 0.002469136, 0.004938272, 0.002469136, 0.0, 0.002469136, 0.004938272, 0.012345679, 0.004938272, 0.0, 0.0, 0.0, 0.002469136, 0.004938272, 0.002469136, 0.002469136, 0.0, 0.0, 0.002469136, 0.002469136, 0.0, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.0, 0.002469136, 0.009876544, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.0, 0.0074074077, 0.002469136, 0.004938272, 0.004938272, 0.0074074077, 0.0, 0.0, 0.004938272, 0.004938272, 0.0, 0.0, 0.0, 0.002469136, 0.002469136, 0.004938272, 0.002469136, 0.004938272, 0.0, 0.004938272, 0.0, 0.004938272, 0.0, 0.0, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.0, 0.002469136, 0.0, 0.0, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.0, 0.0, 0.002469136, 0.002469136, 0.0074074077, 0.002469136, 0.002469136, 0.0, 0.004938272, 0.004938272, 0.0, 0.0, 0.0, 0.002469136, 0.004938272, 0.0, 0.0, 0.004938272, 0.002469136, 0.002469136, 0.0, 0.002469136, 0.004938272, 0.0074074077, 0.004938272, 0.002469136, 0.0, 0.0, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.009876544, 0.0, 0.004938272, 0.0, 0.002469136, 0.002469136, 0.004938272, 0.002469136, 0.0, 0.0, 0.002469136, 0.0, 0.004938272, 0.002469136, 0.0, 0.0, 0.0, 0.002469136, 0.004938272, 0.0, 0.0, 0.0, 0.009876544, 0.0, 0.004938272, 0.0, 0.0, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.0, 0.004938272, 0.002469136, 0.002469136, 0.004938272, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.002469136, 0.0, 0.0, 0.002469136, 0.004938272, 0.002469136, 0.004938272, 0.002469136, 0.002469136, 0.0074074077, 0.002469136, 0.0, 0.002469136, 0.002469136, 0.0, 0.002469136, 0.0074074077, 0.002469136, 0.004938272, 0.0, 0.002469136, 0.0, 0.0, 0.0, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.004938272, 0.004938272, 0.009876544, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.002469136, 0.004938272, 0.0, 0.004938272, 0.0, 0.0074074077, 0.009876544, 0.0, 0.0, 0.0074074077, 0.0074074077, 0.004938272, 0.0074074077, 0.0, 0.0074074077, 0.002469136, 0.002469136, 0.002469136 ]

--Histogram size : 400

17/02/15 22:04:03 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:03 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:03 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:03 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:03 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:04 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:04 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:04 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:04 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:04 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:04 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:04 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 17

17/02/15 22:04:04 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:04 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:04 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:04 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:04 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:04 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:04 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:04 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:04 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:04 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:04 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:04 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:04 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

Predicting test image : cat as cat

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/cat/3.jpg

17/02/15 22:04:04 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:04 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:04 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:04 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:04 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:05 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:05 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:05 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:05 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:05 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:05 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:05 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:05 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:05 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:05 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:05 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:05 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:05 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:05 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:05 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:05 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:05 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:05 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:05 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:05 INFO InternalParquetRecordReader: block read in memory in 22 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.007662835, 0.0038314175, 0.01532567, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.007662835, 0.007662835, 0.0, 0.0038314175, 0.011494253, 0.0, 0.0038314175, 0.007662835, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011494253, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.011494253, 0.011494253, 0.0, 0.0038314175, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.011494253, 0.0, 0.0038314175, 0.0, 0.0, 0.01532567, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.007662835, 0.011494253, 0.007662835, 0.0038314175, 0.007662835, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.007662835, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.007662835, 0.007662835, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007662835, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.007662835, 0.0038314175, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.011494253, 0.0038314175, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.007662835, 0.0, 0.0038314175, 0.007662835, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.011494253, 0.0, 0.0, 0.011494253, 0.0, 0.0038314175, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.007662835, 0.0038314175, 0.007662835, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.011494253, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.007662835, 0.007662835, 0.0, 0.007662835, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.007662835, 0.0, 0.0, 0.0, 0.011494253, 0.007662835, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.007662835, 0.007662835, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.007662835, 0.007662835, 0.0038314175, 0.0, 0.0, 0.01532567, 0.0038314175, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0, 0.007662835, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.007662835, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.007662835, 0.0, 0.0038314175, 0.0038314175, 0.0038314175, 0.007662835, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.007662835, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.011494253, 0.0038314175, 0.0038314175, 0.0038314175, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0, 0.007662835, 0.0, 0.0, 0.0038314175, 0.0038314175, 0.0, 0.011494253, 0.0038314175, 0.0, 0.0038314175, 0.0, 0.0038314175, 0.03448276, 0.0, 0.0, 0.0038314175, 0.0, 0.0, 0.0038314175, 0.0, 0.007662835, 0.0, 0.0038314175, 0.0038314175, 0.011494253, 0.0038314175 ]

--Histogram size : 400

17/02/15 22:04:05 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:05 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:06 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:06 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:06 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:06 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:06 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:06 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:06 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:06 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : cat as dog

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/cat/4.jpg

17/02/15 22:04:06 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:06 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:06 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:06 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:06 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:07 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:07 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:07 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:07 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:07 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:07 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:07 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:07 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:07 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:07 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:07 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:07 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:07 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:07 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:07 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:07 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:07 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:07 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:07 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:07 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0026809652, 0.0, 0.0026809652, 0.0053619305, 0.0026809652, 0.0053619305, 0.0053619305, 0.0026809652, 0.0026809652, 0.0053619305, 0.0026809652, 0.008042896, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0, 0.013404826, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0053619305, 0.0, 0.0, 0.0053619305, 0.0, 0.0, 0.0, 0.0053619305, 0.0, 0.0053619305, 0.0, 0.0, 0.0, 0.0, 0.0053619305, 0.008042896, 0.0026809652, 0.0, 0.008042896, 0.008042896, 0.008042896, 0.0, 0.0026809652, 0.0026809652, 0.008042896, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0053619305, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0053619305, 0.0, 0.0053619305, 0.0053619305, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.010723861, 0.008042896, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.010723861, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.008042896, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.008042896, 0.0026809652, 0.0, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.008042896, 0.0, 0.0, 0.0, 0.0053619305, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0053619305, 0.010723861, 0.008042896, 0.0026809652, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0, 0.0053619305, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.010723861, 0.0, 0.0053619305, 0.0, 0.0053619305, 0.0053619305, 0.0026809652, 0.016085792, 0.0, 0.0026809652, 0.0, 0.0053619305, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.010723861, 0.0, 0.013404826, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0053619305, 0.0, 0.0053619305, 0.0, 0.0, 0.0053619305, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0053619305, 0.0026809652, 0.0053619305, 0.0, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0053619305, 0.0026809652, 0.0, 0.0, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.0026809652, 0.0053619305, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.0026809652, 0.0026809652, 0.0053619305, 0.0026809652, 0.0, 0.0, 0.010723861, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0053619305, 0.0, 0.008042896, 0.0, 0.0, 0.008042896, 0.0026809652, 0.0026809652, 0.010723861, 0.0053619305, 0.0053619305, 0.0026809652, 0.0, 0.0026809652, 0.008042896, 0.0053619305, 0.0026809652, 0.008042896, 0.010723861, 0.0, 0.0053619305, 0.0, 0.0026809652, 0.0, 0.0, 0.008042896, 0.0053619305, 0.0, 0.0, 0.0, 0.0053619305, 0.0026809652, 0.008042896, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.0, 0.0, 0.0026809652, 0.013404826, 0.0026809652, 0.0026809652, 0.0053619305, 0.0026809652, 0.0053619305, 0.0, 0.0, 0.0, 0.0053619305, 0.0, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.010723861, 0.0, 0.0026809652, 0.0, 0.0026809652, 0.0053619305, 0.0, 0.0053619305, 0.0, 0.0, 0.0, 0.0, 0.008042896, 0.0026809652, 0.0, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0026809652, 0.0026809652, 0.0, 0.0026809652, 0.0026809652, 0.0026809652, 0.0026809652, 0.016085792, 0.0, 0.008042896, 0.0, 0.0026809652, 0.016085792, 0.0053619305, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008042896, 0.016085792, 0.0, 0.0, 0.0, 0.0, 0.0053619305, 0.0053619305, 0.0026809652, 0.0026809652, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0026809652, 0.0, 0.0053619305, 0.0, 0.0053619305, 0.0026809652 ]

--Histogram size : 400

17/02/15 22:04:07 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:08 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:08 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:08 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:08 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:08 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:08 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:08 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:08 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:08 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:08 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:08 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:08 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:08 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:08 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:08 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:08 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:08 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:08 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:08 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:08 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:08 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:08 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:08 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:08 INFO InternalParquetRecordReader: block read in memory in 4 ms. row count = 15

Predicting test image : cat as dog

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/cat/5.jpg

17/02/15 22:04:09 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:09 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:09 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:09 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:09 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:09 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:09 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:09 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:09 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:09 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:09 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:09 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:09 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:09 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:09 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:09 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:09 INFO InternalParquetRecordReader: block read in memory in 16 ms. row count = 100

17/02/15 22:04:09 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:09 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:09 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:09 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:09 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:09 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:09 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:09 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0040816325, 0.0, 0.0, 0.008163265, 0.012244897, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0, 0.008163265, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.012244897, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.008163265, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0040816325, 0.0, 0.0040816325, 0.0040816325, 0.012244897, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0040816325, 0.0, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.012244897, 0.0, 0.008163265, 0.008163265, 0.0040816325, 0.0, 0.008163265, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.008163265, 0.012244897, 0.012244897, 0.0, 0.008163265, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008163265, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0040816325, 0.0, 0.008163265, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.008163265, 0.008163265, 0.0040816325, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.012244897, 0.0, 0.008163265, 0.01632653, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.024489794, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.008163265, 0.0040816325, 0.0040816325, 0.008163265, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.01632653, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.01632653, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.008163265, 0.008163265, 0.008163265, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.020408163, 0.0, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.008163265, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008163265, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.020408163, 0.0, 0.0, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0040816325, 0.008163265, 0.0, 0.0, 0.008163265, 0.0, 0.0040816325, 0.008163265, 0.012244897, 0.0, 0.0040816325, 0.0, 0.008163265, 0.0, 0.0, 0.0, 0.008163265, 0.0, 0.0040816325, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0, 0.0040816325, 0.0040816325, 0.0, 0.0, 0.0040816325, 0.0, 0.0040816325, 0.0 ]

--Histogram size : 400

17/02/15 22:04:10 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:10 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:10 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:10 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:10 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:11 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:11 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:11 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:11 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:11 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:11 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:11 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:11 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:11 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:11 INFO InternalParquetRecordReader: block read in memory in 16 ms. row count = 17

17/02/15 22:04:11 INFO InternalParquetRecordReader: block read in memory in 16 ms. row count = 15

17/02/15 22:04:11 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:11 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:11 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:11 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:11 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:11 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:11 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:11 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:11 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : cat as dog

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/dog/1.jpg

17/02/15 22:04:11 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:11 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:11 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:11 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:11 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:12 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:12 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:12 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:12 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:12 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:12 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:12 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:12 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:12 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:12 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:12 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:12 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:12 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:12 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:12 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:12 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:12 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:12 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:12 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:12 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0058139535, 0.0058139535, 0.017441861, 0.0058139535, 0.0, 0.0, 0.011627907, 0.0, 0.011627907, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.011627907, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.011627907, 0.011627907, 0.0, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.017441861, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.011627907, 0.011627907, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.011627907, 0.011627907, 0.0, 0.029069766, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.011627907, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.011627907, 0.011627907, 0.0, 0.0, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011627907, 0.011627907, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.017441861, 0.011627907, 0.0, 0.0058139535, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.011627907, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.011627907, 0.0, 0.011627907, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.011627907, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.011627907, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0, 0.0, 0.0058139535, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.011627907, 0.0, 0.0, 0.011627907, 0.0058139535, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0058139535, 0.0, 0.0, 0.0, 0.0, 0.011627907 ]

--Histogram size : 400

17/02/15 22:04:12 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:12 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:12 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:12 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:12 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:13 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:13 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:13 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:13 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:13 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:13 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:13 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:13 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:13 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:13 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:13 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:13 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:13 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:13 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:13 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:13 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:13 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:13 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:13 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:13 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : dog as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/dog/2.jpg

17/02/15 22:04:13 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:13 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:13 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:13 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:13 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:14 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:14 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:14 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:14 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:14 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:14 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:14 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:14 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:14 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:14 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:14 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:14 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:14 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:14 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:14 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:14 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:14 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:14 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:14 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:14 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.002617801, 0.0, 0.013089005, 0.007853404, 0.002617801, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.013089005, 0.007853404, 0.002617801, 0.007853404, 0.002617801, 0.002617801, 0.0, 0.005235602, 0.0, 0.007853404, 0.0, 0.002617801, 0.013089005, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.007853404, 0.0, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.005235602, 0.005235602, 0.0, 0.005235602, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.005235602, 0.0, 0.005235602, 0.0, 0.002617801, 0.007853404, 0.0, 0.0, 0.007853404, 0.002617801, 0.005235602, 0.002617801, 0.007853404, 0.0, 0.002617801, 0.005235602, 0.0, 0.002617801, 0.0, 0.005235602, 0.007853404, 0.0, 0.0, 0.007853404, 0.0, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.007853404, 0.002617801, 0.007853404, 0.007853404, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.013089005, 0.0, 0.002617801, 0.007853404, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.005235602, 0.0, 0.002617801, 0.002617801, 0.005235602, 0.0, 0.005235602, 0.002617801, 0.0, 0.002617801, 0.005235602, 0.005235602, 0.002617801, 0.010471204, 0.005235602, 0.005235602, 0.0, 0.0, 0.0, 0.005235602, 0.002617801, 0.005235602, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007853404, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.010471204, 0.020942409, 0.002617801, 0.005235602, 0.010471204, 0.0, 0.005235602, 0.0, 0.002617801, 0.002617801, 0.007853404, 0.007853404, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.002617801, 0.010471204, 0.0, 0.005235602, 0.007853404, 0.002617801, 0.0, 0.005235602, 0.005235602, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.005235602, 0.005235602, 0.0, 0.0, 0.007853404, 0.0, 0.005235602, 0.007853404, 0.005235602, 0.007853404, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.005235602, 0.005235602, 0.002617801, 0.0, 0.002617801, 0.0, 0.007853404, 0.002617801, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.007853404, 0.002617801, 0.0, 0.0, 0.005235602, 0.002617801, 0.005235602, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.0, 0.002617801, 0.0, 0.005235602, 0.002617801, 0.0, 0.005235602, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.010471204, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.0, 0.0, 0.005235602, 0.0, 0.005235602, 0.0, 0.0, 0.002617801, 0.007853404, 0.0, 0.007853404, 0.002617801, 0.0, 0.002617801, 0.005235602, 0.0, 0.0, 0.0, 0.010471204, 0.0, 0.007853404, 0.002617801, 0.0, 0.0, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.015706807, 0.0, 0.002617801, 0.0, 0.005235602, 0.0, 0.002617801, 0.002617801, 0.0, 0.0, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.007853404, 0.0, 0.0, 0.005235602, 0.005235602, 0.002617801, 0.005235602, 0.0, 0.002617801, 0.005235602, 0.0, 0.0, 0.002617801, 0.007853404, 0.005235602, 0.002617801, 0.0, 0.007853404, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.0, 0.010471204, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.005235602, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.005235602, 0.0, 0.002617801 ]

--Histogram size : 400

17/02/15 22:04:14 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:14 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:14 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:14 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:14 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:15 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:15 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:15 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:15 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:15 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:15 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:15 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:15 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:15 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:15 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:15 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:15 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:15 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:15 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:15 INFO InternalParquetRecordReader: block read in memory in 15 ms. row count = 17

17/02/15 22:04:15 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:15 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:15 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:15 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:15 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

Predicting test image : dog as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/dog/3.jpg

17/02/15 22:04:15 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:15 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:15 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:15 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:15 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:16 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:16 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:16 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:16 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:16 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:16 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:16 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:16 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:16 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:16 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:16 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:16 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:16 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:16 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:16 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:16 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:16 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:16 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:16 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:16 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.008658009, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.017316017, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.012987013, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.017316017, 0.0, 0.0, 0.008658009, 0.0043290043, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.008658009, 0.0, 0.02164502, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.008658009, 0.0043290043, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.012987013, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.008658009, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0043290043, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.008658009, 0.008658009, 0.008658009, 0.0, 0.0043290043, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.064935066, 0.0043290043, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.008658009, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012987013, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.008658009, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.012987013, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.012987013, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.008658009, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.0, 0.008658009, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.012987013, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.008658009, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.008658009, 0.0, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.0, 0.008658009, 0.008658009, 0.0, 0.0043290043, 0.0, 0.0, 0.0, 0.0043290043, 0.0, 0.008658009, 0.008658009, 0.0043290043, 0.0, 0.0043290043, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0, 0.0, 0.012987013, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0, 0.0043290043, 0.0043290043, 0.0, 0.0043290043 ]

--Histogram size : 400

17/02/15 22:04:16 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:16 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:16 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:16 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:16 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:17 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:17 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:17 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:17 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:17 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:17 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:17 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:17 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:17 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:17 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:17 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:17 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:17 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:17 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:17 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:17 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:17 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:17 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:17 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:17 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : dog as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/dog/4.jpg

17/02/15 22:04:17 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:17 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:17 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:17 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:17 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:18 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:18 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:18 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:18 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:18 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:18 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:18 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:18 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:18 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:18 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:18 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:18 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:18 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:18 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:18 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:18 INFO InternalParquetRecordReader: block read in memory in 16 ms. row count = 100

17/02/15 22:04:18 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:18 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:18 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:18 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.002617801, 0.005235602, 0.0, 0.0, 0.005235602, 0.0, 0.0, 0.005235602, 0.0, 0.0, 0.005235602, 0.0, 0.005235602, 0.005235602, 0.002617801, 0.0, 0.0, 0.010471204, 0.0, 0.005235602, 0.0, 0.002617801, 0.0, 0.010471204, 0.002617801, 0.002617801, 0.0, 0.005235602, 0.005235602, 0.010471204, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.007853404, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.002617801, 0.007853404, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.010471204, 0.002617801, 0.0, 0.0, 0.010471204, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.005235602, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.007853404, 0.002617801, 0.0, 0.0, 0.018324608, 0.005235602, 0.0, 0.0, 0.010471204, 0.002617801, 0.0, 0.005235602, 0.0, 0.0, 0.005235602, 0.007853404, 0.002617801, 0.002617801, 0.005235602, 0.0, 0.0, 0.005235602, 0.0, 0.0, 0.005235602, 0.002617801, 0.005235602, 0.002617801, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.007853404, 0.007853404, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.007853404, 0.0, 0.007853404, 0.005235602, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.005235602, 0.002617801, 0.007853404, 0.002617801, 0.0, 0.002617801, 0.0, 0.005235602, 0.005235602, 0.0, 0.002617801, 0.007853404, 0.0, 0.002617801, 0.0, 0.010471204, 0.0, 0.005235602, 0.005235602, 0.0, 0.002617801, 0.007853404, 0.0, 0.0, 0.002617801, 0.002617801, 0.005235602, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.007853404, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.013089005, 0.005235602, 0.002617801, 0.005235602, 0.0, 0.0, 0.002617801, 0.005235602, 0.0, 0.005235602, 0.0, 0.010471204, 0.0, 0.0, 0.002617801, 0.0, 0.005235602, 0.0, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.007853404, 0.0, 0.002617801, 0.0, 0.002617801, 0.010471204, 0.005235602, 0.002617801, 0.002617801, 0.005235602, 0.002617801, 0.002617801, 0.005235602, 0.005235602, 0.005235602, 0.002617801, 0.005235602, 0.0, 0.0, 0.0, 0.0, 0.007853404, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.005235602, 0.005235602, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.002617801, 0.0, 0.0, 0.007853404, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.005235602, 0.0, 0.0, 0.007853404, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.005235602, 0.005235602, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.005235602, 0.0, 0.002617801, 0.010471204, 0.002617801, 0.002617801, 0.005235602, 0.005235602, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.0, 0.002617801, 0.007853404, 0.0, 0.007853404, 0.005235602, 0.010471204, 0.0, 0.005235602, 0.002617801, 0.0, 0.005235602, 0.002617801, 0.0, 0.005235602, 0.0, 0.0, 0.0, 0.0, 0.005235602, 0.007853404, 0.002617801, 0.002617801, 0.007853404, 0.0, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.002617801, 0.005235602, 0.007853404, 0.002617801, 0.0, 0.005235602, 0.002617801, 0.0, 0.002617801, 0.002617801, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.002617801, 0.0, 0.0, 0.0, 0.002617801, 0.005235602, 0.002617801, 0.005235602, 0.007853404, 0.007853404, 0.007853404, 0.002617801, 0.002617801, 0.005235602, 0.0, 0.0, 0.010471204, 0.005235602, 0.002617801, 0.002617801, 0.0, 0.0, 0.0, 0.007853404, 0.007853404, 0.0, 0.0, 0.0, 0.002617801, 0.0, 0.005235602 ]

--Histogram size : 400

17/02/15 22:04:19 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:19 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:19 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:19 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:19 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:19 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:19 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:19 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:19 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:19 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:19 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:19 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:19 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:19 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:19 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:19 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:19 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:19 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:19 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:19 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:19 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:19 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:19 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:19 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:19 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : dog as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/dog/5.jpg

17/02/15 22:04:20 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:20 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:20 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:20 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:20 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:20 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:20 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:20 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:20 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:20 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:20 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:20 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:20 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:20 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:20 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:20 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:20 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:20 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:20 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:20 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:20 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:20 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:20 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:20 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:20 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0036429872, 0.0, 0.0054644807, 0.0036429872, 0.0018214936, 0.0036429872, 0.0018214936, 0.0018214936, 0.0036429872, 0.0, 0.0036429872, 0.0, 0.0018214936, 0.0, 0.0018214936, 0.010928961, 0.0036429872, 0.0054644807, 0.0, 0.0036429872, 0.0, 0.0054644807, 0.0, 0.0054644807, 0.0, 0.0036429872, 0.0054644807, 0.0054644807, 0.0054644807, 0.0, 0.0072859745, 0.0072859745, 0.0018214936, 0.0018214936, 0.0036429872, 0.0054644807, 0.0036429872, 0.0018214936, 0.0018214936, 0.0018214936, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0018214936, 0.0018214936, 0.0054644807, 0.0072859745, 0.0036429872, 0.0, 0.0054644807, 0.0018214936, 0.0018214936, 0.0054644807, 0.0, 0.0, 0.012750455, 0.0036429872, 0.0018214936, 0.0018214936, 0.0036429872, 0.0036429872, 0.0018214936, 0.0072859745, 0.0018214936, 0.0018214936, 0.0, 0.0, 0.0036429872, 0.0018214936, 0.0054644807, 0.0036429872, 0.0018214936, 0.0, 0.0036429872, 0.0072859745, 0.0, 0.0, 0.0018214936, 0.0018214936, 0.0, 0.0018214936, 0.0054644807, 0.009107468, 0.0018214936, 0.0036429872, 0.0018214936, 0.0, 0.0054644807, 0.0, 0.0036429872, 0.0018214936, 0.0, 0.0054644807, 0.009107468, 0.0054644807, 0.0, 0.0036429872, 0.010928961, 0.0, 0.0054644807, 0.0036429872, 0.0018214936, 0.0036429872, 0.0018214936, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0018214936, 0.0036429872, 0.0, 0.0018214936, 0.0, 0.0054644807, 0.0, 0.0, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0018214936, 0.0018214936, 0.0018214936, 0.0, 0.0, 0.0036429872, 0.0018214936, 0.0072859745, 0.0, 0.010928961, 0.0036429872, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.0018214936, 0.0, 0.0054644807, 0.0, 0.0018214936, 0.0018214936, 0.0054644807, 0.0072859745, 0.0018214936, 0.0018214936, 0.0018214936, 0.0018214936, 0.0018214936, 0.009107468, 0.0018214936, 0.0018214936, 0.0018214936, 0.0054644807, 0.0, 0.0, 0.0, 0.0036429872, 0.0036429872, 0.021857923, 0.0, 0.0072859745, 0.0, 0.0, 0.0036429872, 0.0036429872, 0.0036429872, 0.0, 0.0036429872, 0.0, 0.0018214936, 0.0054644807, 0.0, 0.0054644807, 0.0036429872, 0.0018214936, 0.0036429872, 0.0036429872, 0.0, 0.010928961, 0.0, 0.0036429872, 0.0018214936, 0.0, 0.0, 0.0072859745, 0.0018214936, 0.0036429872, 0.0018214936, 0.0054644807, 0.0, 0.0, 0.0, 0.0018214936, 0.0, 0.0, 0.0, 0.0036429872, 0.0, 0.0, 0.0018214936, 0.010928961, 0.0, 0.0054644807, 0.0018214936, 0.0, 0.0018214936, 0.0018214936, 0.0, 0.0072859745, 0.0036429872, 0.0018214936, 0.0018214936, 0.0, 0.0018214936, 0.0018214936, 0.0054644807, 0.0072859745, 0.0036429872, 0.0, 0.0018214936, 0.0018214936, 0.0, 0.0054644807, 0.0072859745, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0018214936, 0.0036429872, 0.0, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.0018214936, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0072859745, 0.0072859745, 0.0, 0.0, 0.0054644807, 0.0, 0.0036429872, 0.0, 0.0, 0.0, 0.010928961, 0.0, 0.0018214936, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0, 0.010928961, 0.0054644807, 0.012750455, 0.0018214936, 0.0054644807, 0.0018214936, 0.0018214936, 0.0, 0.0054644807, 0.009107468, 0.0, 0.0036429872, 0.0018214936, 0.0072859745, 0.0, 0.0018214936, 0.0, 0.0, 0.0, 0.0, 0.009107468, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.009107468, 0.0, 0.0, 0.0054644807, 0.0, 0.0, 0.0072859745, 0.0054644807, 0.0018214936, 0.0, 0.0, 0.0, 0.0, 0.0018214936, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.0, 0.0036429872, 0.0036429872, 0.0018214936, 0.0, 0.0018214936, 0.009107468, 0.0, 0.0, 0.0054644807, 0.0, 0.0018214936, 0.0018214936, 0.0036429872, 0.0018214936, 0.0036429872, 0.0, 0.0054644807, 0.0, 0.0, 0.0054644807, 0.0018214936, 0.0, 0.0, 0.0072859745, 0.0, 0.0018214936, 0.0054644807, 0.0072859745, 0.0018214936, 0.0, 0.0, 0.0054644807, 0.0054644807, 0.0072859745, 0.0054644807, 0.0018214936, 0.0054644807, 0.0, 0.0018214936, 0.0, 0.0072859745, 0.0036429872, 0.0054644807, 0.0036429872, 0.0, 0.0018214936, 0.0, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.0072859745, 0.0018214936, 0.0018214936, 0.0, 0.0054644807, 0.0054644807, 0.0036429872, 0.0, 0.0018214936, 0.0, 0.0018214936, 0.0, 0.0018214936, 0.0036429872, 0.0, 0.0036429872, 0.0018214936, 0.0036429872, 0.0, 0.0018214936, 0.0, 0.0036429872, 0.0036429872, 0.0018214936, 0.0018214936, 0.0018214936, 0.0018214936, 0.0, 0.0018214936, 0.0018214936 ]

--Histogram size : 400

17/02/15 22:04:21 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:21 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:21 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:21 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:21 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:21 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:21 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:21 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:21 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:21 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:21 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:21 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:21 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:21 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:21 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 13

17/02/15 22:04:21 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:21 INFO InternalParquetRecordReader: block read in memory in 2 ms. row count = 17

17/02/15 22:04:21 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:21 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:21 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:21 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:21 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:21 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:21 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:21 INFO InternalParquetRecordReader: block read in memory in 16 ms. row count = 15

Predicting test image : dog as dog

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/lion/10.jpg

17/02/15 22:04:22 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:22 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:22 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:22 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:22 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:22 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:22 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:22 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:22 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:22 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:22 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:22 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:22 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:22 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:22 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:22 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:22 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:22 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:22 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:22 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:22 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:22 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:22 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:22 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:22 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.009259259, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.009259259, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.009259259, 0.0046296297, 0.009259259, 0.0, 0.0046296297, 0.0, 0.0, 0.009259259, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.009259259, 0.0046296297, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0, 0.009259259, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.013888889, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0046296297, 0.013888889, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.02314815, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.0, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.018518519, 0.0046296297, 0.0, 0.0046296297, 0.009259259, 0.0, 0.009259259, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.009259259, 0.0, 0.0, 0.0, 0.009259259, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.02314815, 0.0046296297, 0.018518519, 0.0046296297, 0.0, 0.0046296297, 0.009259259, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.009259259, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0, 0.018518519, 0.0, 0.0, 0.013888889, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.009259259, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.013888889, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.009259259, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.009259259, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0046296297, 0.013888889, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.009259259, 0.0, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.018518519, 0.0, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.0046296297, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.009259259, 0.009259259, 0.0046296297, 0.0046296297, 0.0, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.009259259, 0.0046296297, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.013888889, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.013888889, 0.0, 0.0, 0.0046296297, 0.013888889, 0.009259259, 0.0, 0.0, 0.0046296297, 0.0046296297, 0.0046296297, 0.0, 0.013888889, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0046296297 ]

--Histogram size : 400

17/02/15 22:04:23 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:23 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:23 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:23 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:23 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:23 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:23 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:23 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:23 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:23 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:23 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:23 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:23 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:23 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:23 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:23 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:23 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:23 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:23 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:24 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:24 INFO InternalParquetRecordReader: block read in memory in 17 ms. row count = 15

17/02/15 22:04:24 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:24 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:24 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:24 INFO InternalParquetRecordReader: block read in memory in 2 ms. row count = 17

Predicting test image : lion as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/lion/11.jpg

17/02/15 22:04:24 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:24 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:24 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:24 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:24 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:25 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:25 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:25 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:25 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:25 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:25 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:25 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:25 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:25 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:25 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:25 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:25 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:25 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:25 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:25 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

17/02/15 22:04:25 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:25 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:25 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:25 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:25 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.003976143, 0.0, 0.003976143, 0.0019880715, 0.0019880715, 0.0019880715, 0.0019880715, 0.0059642144, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0059642144, 0.0019880715, 0.003976143, 0.009940358, 0.003976143, 0.003976143, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0059642144, 0.0019880715, 0.0019880715, 0.0059642144, 0.003976143, 0.0, 0.007952286, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.003976143, 0.0019880715, 0.003976143, 0.0059642144, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.0, 0.0059642144, 0.0019880715, 0.0, 0.0, 0.0, 0.003976143, 0.0, 0.0, 0.0059642144, 0.003976143, 0.0019880715, 0.0, 0.0, 0.0019880715, 0.0059642144, 0.0, 0.007952286, 0.003976143, 0.0, 0.003976143, 0.003976143, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.011928429, 0.0, 0.003976143, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0059642144, 0.003976143, 0.0, 0.0, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.003976143, 0.007952286, 0.0, 0.0019880715, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.003976143, 0.0019880715, 0.0019880715, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0019880715, 0.003976143, 0.0059642144, 0.0019880715, 0.003976143, 0.0019880715, 0.0019880715, 0.003976143, 0.0, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0019880715, 0.0019880715, 0.0019880715, 0.0059642144, 0.0019880715, 0.0019880715, 0.0059642144, 0.003976143, 0.0019880715, 0.0, 0.003976143, 0.0019880715, 0.0, 0.0, 0.003976143, 0.0059642144, 0.003976143, 0.0, 0.0019880715, 0.0019880715, 0.009940358, 0.0, 0.007952286, 0.0019880715, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.003976143, 0.0, 0.007952286, 0.0019880715, 0.003976143, 0.0, 0.007952286, 0.0, 0.007952286, 0.0139165, 0.0, 0.0, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0, 0.003976143, 0.0019880715, 0.0, 0.0, 0.003976143, 0.0, 0.0, 0.003976143, 0.0, 0.0019880715, 0.009940358, 0.0019880715, 0.0019880715, 0.0, 0.0, 0.0059642144, 0.0, 0.0, 0.0059642144, 0.0, 0.0059642144, 0.0019880715, 0.003976143, 0.0019880715, 0.0019880715, 0.0059642144, 0.003976143, 0.0059642144, 0.0, 0.0, 0.0, 0.0, 0.0019880715, 0.0, 0.0, 0.0, 0.0, 0.009940358, 0.0059642144, 0.003976143, 0.0059642144, 0.0019880715, 0.0019880715, 0.007952286, 0.003976143, 0.0019880715, 0.0, 0.003976143, 0.0, 0.003976143, 0.0059642144, 0.0059642144, 0.003976143, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.0019880715, 0.0059642144, 0.003976143, 0.0139165, 0.0, 0.0, 0.0059642144, 0.0019880715, 0.003976143, 0.0019880715, 0.0, 0.0, 0.0, 0.003976143, 0.009940358, 0.0019880715, 0.0059642144, 0.0019880715, 0.0019880715, 0.0019880715, 0.0, 0.0, 0.0, 0.0, 0.003976143, 0.0019880715, 0.0, 0.0019880715, 0.011928429, 0.0019880715, 0.0, 0.0019880715, 0.0019880715, 0.0059642144, 0.0, 0.0, 0.0, 0.003976143, 0.0019880715, 0.0, 0.003976143, 0.0019880715, 0.0059642144, 0.0019880715, 0.003976143, 0.0, 0.003976143, 0.003976143, 0.0, 0.0, 0.0, 0.0019880715, 0.0019880715, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003976143, 0.0, 0.0, 0.0, 0.0059642144, 0.0019880715, 0.007952286, 0.0019880715, 0.0, 0.0019880715, 0.009940358, 0.019880716, 0.0, 0.0019880715, 0.0, 0.0, 0.015904572, 0.0059642144, 0.0, 0.003976143, 0.0, 0.0, 0.0, 0.0019880715, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.0059642144, 0.0, 0.0, 0.0019880715, 0.017892644, 0.0, 0.0, 0.0, 0.003976143, 0.003976143, 0.003976143, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0, 0.0059642144, 0.0059642144, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0, 0.0019880715, 0.0, 0.003976143, 0.0, 0.0019880715, 0.0019880715, 0.003976143, 0.0, 0.0019880715, 0.003976143, 0.0, 0.0059642144, 0.0059642144, 0.0, 0.003976143, 0.0, 0.003976143, 0.0, 0.0, 0.0019880715, 0.0019880715, 0.0, 0.0019880715, 0.0, 0.0, 0.0059642144, 0.003976143, 0.0, 0.0, 0.0, 0.0019880715, 0.003976143, 0.003976143, 0.003976143, 0.0019880715, 0.0, 0.0, 0.0059642144, 0.0019880715, 0.003976143, 0.0, 0.0059642144, 0.003976143, 0.0, 0.0019880715, 0.0, 0.0, 0.0, 0.0059642144, 0.0, 0.0, 0.0019880715, 0.003976143, 0.0, 0.0139165 ]

--Histogram size : 400

17/02/15 22:04:25 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:25 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:25 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:25 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:25 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:26 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:26 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:26 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:26 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:26 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:26 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:26 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:26 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:26 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:26 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:26 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:26 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:26 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:26 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:26 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:26 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:26 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:26 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:26 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:26 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 17

Predicting test image : lion as cat

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/lion/12.jpg

17/02/15 22:04:26 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:26 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:26 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:26 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:26 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:27 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:27 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:27 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:27 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:27 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:27 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:27 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:27 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:27 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:27 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:27 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:27 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:27 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:27 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:27 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:27 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:27 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:27 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:27 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:27 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.00171737, 0.0012266928, 0.0012266928, 2.4533857E-4, 0.0019627085, 9.813543E-4, 0.00343474, 0.0036800785, 0.0019627085, 9.813543E-4, 0.0026987242, 0.0012266928, 9.813543E-4, 9.813543E-4, 2.4533857E-4, 0.00343474, 0.0026987242, 0.00343474, 0.004661433, 0.004170756, 0.004416094, 0.0012266928, 0.0026987242, 0.002944063, 0.00343474, 0.00515211, 0.0012266928, 2.4533857E-4, 0.0026987242, 0.0049067712, 0.00343474, 0.0012266928, 0.0026987242, 0.004170756, 0.00171737, 0.0024533856, 0.0012266928, 4.9067714E-4, 0.0019627085, 0.0024533856, 2.4533857E-4, 0.01373896, 0.002208047, 0.002208047, 0.0012266928, 0.0036800785, 4.9067714E-4, 2.4533857E-4, 0.002944063, 7.3601573E-4, 4.9067714E-4, 0.002208047, 0.0019627085, 0.00515211, 2.4533857E-4, 0.0014720315, 0.0014720315, 9.813543E-4, 0.0071148183, 9.813543E-4, 0.0, 0.0031894015, 0.002944063, 0.004416094, 0.0026987242, 0.0026987242, 0.0012266928, 0.0026987242, 0.00171737, 9.813543E-4, 0.0049067712, 0.0014720315, 0.002208047, 0.0024533856, 0.0012266928, 0.005642787, 0.00171737, 0.0024533856, 0.0026987242, 9.813543E-4, 0.00343474, 4.9067714E-4, 0.0012266928, 7.3601573E-4, 0.00171737, 0.0012266928, 0.0014720315, 0.0036800785, 0.0019627085, 0.00171737, 0.0024533856, 0.002208047, 0.0019627085, 9.813543E-4, 0.002208047, 0.0019627085, 0.00343474, 0.00343474, 0.002208047, 0.00171737, 0.0031894015, 9.813543E-4, 0.004170756, 0.0036800785, 0.0014720315, 0.00171737, 0.00171737, 0.002944063, 0.00343474, 0.0024533856, 9.813543E-4, 0.00171737, 0.0014720315, 0.0031894015, 0.004170756, 0.0019627085, 0.0049067712, 0.0, 0.003925417, 0.00171737, 0.0031894015, 0.0014720315, 0.0019627085, 0.002208047, 2.4533857E-4, 0.0, 0.00171737, 0.003925417, 0.0049067712, 0.004661433, 0.00343474, 0.0019627085, 7.3601573E-4, 0.0031894015, 0.003925417, 0.0014720315, 0.00171737, 0.0024533856, 9.813543E-4, 0.003925417, 9.813543E-4, 0.0026987242, 0.0, 0.0019627085, 0.0019627085, 0.006133464, 0.0026987242, 0.003925417, 0.0019627085, 0.0024533856, 0.0014720315, 0.0019627085, 0.002208047, 0.0014720315, 0.00171737, 0.0026987242, 7.3601573E-4, 0.002944063, 0.0026987242, 4.9067714E-4, 0.0019627085, 0.0036800785, 0.0024533856, 0.0012266928, 0.005888126, 0.002208047, 0.0036800785, 0.004661433, 0.0049067712, 0.0024533856, 0.002944063, 0.0024533856, 0.00171737, 7.3601573E-4, 0.0014720315, 0.003925417, 9.813543E-4, 0.00686948, 0.0, 4.9067714E-4, 0.0014720315, 0.00515211, 0.00171737, 0.00171737, 7.3601573E-4, 0.0019627085, 0.0026987242, 0.0019627085, 9.813543E-4, 0.007360157, 0.0012266928, 0.0026987242, 0.0053974483, 0.002944063, 0.0036800785, 0.0024533856, 0.0031894015, 0.0026987242, 0.00343474, 9.813543E-4, 0.0014720315, 0.002208047, 9.813543E-4, 7.3601573E-4, 0.003925417, 7.3601573E-4, 0.0026987242, 9.813543E-4, 0.002208047, 4.9067714E-4, 2.4533857E-4, 0.0012266928, 0.0036800785, 0.0024533856, 0.00171737, 0.0026987242, 7.3601573E-4, 9.813543E-4, 0.0012266928, 4.9067714E-4, 0.0024533856, 0.0012266928, 0.0019627085, 7.3601573E-4, 0.0019627085, 0.0026987242, 0.00343474, 0.0024533856, 0.003925417, 0.003925417, 0.014720314, 0.003925417, 0.0019627085, 0.0014720315, 0.00343474, 0.0019627085, 0.002944063, 0.00343474, 2.4533857E-4, 0.0014720315, 0.0012266928, 0.0026987242, 2.4533857E-4, 0.004661433, 0.0014720315, 0.002944063, 0.0031894015, 0.002944063, 0.0026987242, 7.3601573E-4, 0.0024533856, 0.004170756, 7.3601573E-4, 0.002208047, 0.0014720315, 0.00343474, 0.0026987242, 0.002208047, 0.0024533856, 7.3601573E-4, 9.813543E-4, 0.002208047, 0.00686948, 0.0026987242, 0.0026987242, 0.002944063, 0.0036800785, 0.003925417, 0.0012266928, 0.0012266928, 0.004661433, 0.007850834, 0.002208047, 4.9067714E-4, 0.002944063, 0.0026987242, 0.0014720315, 0.0024533856, 0.00171737, 0.0049067712, 0.0019627085, 0.002944063, 0.00171737, 0.0036800785, 7.3601573E-4, 0.0014720315, 2.4533857E-4, 0.004170756, 0.005642787, 0.004170756, 0.00343474, 0.0024533856, 0.0014720315, 0.0024533856, 0.0098135425, 0.00171737, 0.0014720315, 0.0031894015, 0.002208047, 0.003925417, 0.006378803, 0.010549558, 0.0026987242, 0.002208047, 0.003925417, 2.4533857E-4, 0.002944063, 0.002944063, 0.0026987242, 0.0019627085, 0.002208047, 0.0012266928, 0.0053974483, 0.002208047, 0.0026987242, 0.003925417, 0.0026987242, 7.3601573E-4, 4.9067714E-4, 0.0031894015, 0.003925417, 0.0049067712, 0.002944063, 4.9067714E-4, 0.00343474, 0.003925417, 0.0, 0.0036800785, 0.00171737, 0.00171737, 0.0036800785, 0.0026987242, 0.007850834, 0.002208047, 4.9067714E-4, 0.00171737, 0.0031894015, 0.0012266928, 0.003925417, 2.4533857E-4, 0.00171737, 0.002208047, 0.002944063, 0.002944063, 0.0012266928, 0.003925417, 0.006133464, 0.0019627085, 0.00171737, 0.0026987242, 0.006378803, 0.004170756, 0.0036800785, 0.0014720315, 0.0026987242, 0.002208047, 0.0026987242, 0.0014720315, 0.0019627085, 0.0019627085, 0.0031894015, 0.0036800785, 0.0012266928, 9.813543E-4, 0.002208047, 2.4533857E-4, 9.813543E-4, 0.002208047, 7.3601573E-4, 0.004170756, 0.0012266928, 9.813543E-4, 7.3601573E-4, 0.00171737, 0.003925417, 0.00515211, 0.004416094, 0.0012266928, 9.813543E-4, 4.9067714E-4, 0.0019627085, 0.0024533856, 9.813543E-4, 0.0024533856, 0.0031894015, 0.0053974483, 0.002208047, 0.0024533856, 0.0012266928, 0.0012266928, 0.0014720315, 0.00343474, 0.0031894015, 0.002944063, 7.3601573E-4, 0.0031894015, 0.0014720315, 0.0031894015, 0.0031894015, 0.003925417 ]

--Histogram size : 400

17/02/15 22:04:28 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:28 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:28 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:28 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:28 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:29 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:29 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:29 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:29 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:29 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:29 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:29 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:29 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:29 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:29 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:29 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:29 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:29 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:29 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:29 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:29 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:29 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:29 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:29 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:29 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : lion as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/lion/8.jpg

17/02/15 22:04:29 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:29 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:29 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:29 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:29 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:30 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:30 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:30 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:30 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:30 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:30 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:30 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:30 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:30 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:30 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:30 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:30 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:30 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:30 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:30 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:30 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:30 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:30 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:30 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:30 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0085227275, 0.0028409092, 0.0, 0.0, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0028409092, 0.0085227275, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0056818184, 0.0028409092, 0.0056818184, 0.014204546, 0.0, 0.0056818184, 0.0, 0.0028409092, 0.0085227275, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0028409092, 0.0056818184, 0.0, 0.0, 0.0, 0.014204546, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0028409092, 0.0028409092, 0.0056818184, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0085227275, 0.0, 0.0028409092, 0.0, 0.0, 0.0085227275, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.022727273, 0.0028409092, 0.0, 0.0, 0.0056818184, 0.0028409092, 0.0028409092, 0.014204546, 0.014204546, 0.0, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.019886363, 0.0056818184, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.011363637, 0.0056818184, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0056818184, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0056818184, 0.0028409092, 0.0056818184, 0.0, 0.0, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0028409092, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0085227275, 0.0, 0.0028409092, 0.0056818184, 0.0, 0.0085227275, 0.0028409092, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.011363637, 0.0, 0.0085227275, 0.0056818184, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0056818184, 0.0, 0.0085227275, 0.0056818184, 0.0, 0.0, 0.0056818184, 0.0, 0.0028409092, 0.014204546, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.0085227275, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.014204546, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.011363637, 0.0, 0.0056818184, 0.0, 0.022727273, 0.0056818184, 0.0, 0.0028409092, 0.0056818184, 0.011363637, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.0085227275, 0.0, 0.0, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.011363637, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0, 0.017045455, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0085227275, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0028409092, 0.0056818184, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.014204546, 0.0028409092, 0.0, 0.0056818184, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0056818184, 0.0, 0.011363637, 0.0085227275, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0085227275, 0.0, 0.0, 0.0, 0.0028409092, 0.0056818184, 0.0, 0.0028409092, 0.0056818184, 0.0028409092, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.0085227275, 0.0056818184, 0.0028409092, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0, 0.0028409092, 0.0028409092, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0085227275, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.0028409092, 0.0056818184, 0.0, 0.0056818184, 0.0, 0.0028409092, 0.0, 0.0028409092, 0.0, 0.011363637, 0.0056818184, 0.0028409092, 0.0, 0.0, 0.0, 0.0085227275, 0.0028409092, 0.0, 0.011363637, 0.0085227275, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.0028409092, 0.0056818184, 0.0, 0.0, 0.0, 0.0028409092, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0028409092, 0.0028409092 ]

--Histogram size : 400

17/02/15 22:04:30 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:30 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:30 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:30 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:30 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:31 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:31 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:31 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:31 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:31 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:31 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:31 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:31 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:31 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:31 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:31 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:31 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:31 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:31 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:31 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:31 INFO InternalParquetRecordReader: block read in memory in 15 ms. row count = 17

17/02/15 22:04:31 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:31 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:31 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:31 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : lion as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/lion/9.jpg

17/02/15 22:04:31 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:31 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:31 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:31 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:31 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:32 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:32 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:32 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:32 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:32 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:32 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:32 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:32 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:32 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:32 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:32 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:32 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:32 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:32 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:32 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:32 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:32 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:32 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:32 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:32 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0019305019, 0.0038610038, 0.0077220076, 0.0019305019, 0.0, 0.0, 0.017374517, 0.0019305019, 0.0, 0.0, 0.005791506, 0.0, 0.0, 0.0019305019, 0.0038610038, 0.0, 0.0, 0.0, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0019305019, 0.0, 0.0, 0.0077220076, 0.0019305019, 0.0019305019, 0.005791506, 0.005791506, 0.0, 0.0, 0.0019305019, 0.005791506, 0.0, 0.0077220076, 0.0, 0.0, 0.0, 0.005791506, 0.005791506, 0.005791506, 0.0, 0.0038610038, 0.005791506, 0.0038610038, 0.0019305019, 0.0, 0.005791506, 0.0, 0.0019305019, 0.0019305019, 0.0, 0.0038610038, 0.0, 0.0, 0.0038610038, 0.0019305019, 0.005791506, 0.0019305019, 0.0019305019, 0.0038610038, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.005791506, 0.0038610038, 0.0019305019, 0.0019305019, 0.0, 0.0019305019, 0.0019305019, 0.0038610038, 0.0077220076, 0.0019305019, 0.0019305019, 0.005791506, 0.0, 0.0019305019, 0.0038610038, 0.0019305019, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0019305019, 0.0019305019, 0.0038610038, 0.011583012, 0.0019305019, 0.0, 0.005791506, 0.0, 0.0, 0.009652509, 0.0019305019, 0.0019305019, 0.0, 0.0, 0.005791506, 0.0, 0.0038610038, 0.0019305019, 0.0, 0.0077220076, 0.0, 0.005791506, 0.0019305019, 0.0019305019, 0.0019305019, 0.0, 0.0019305019, 0.0, 0.0, 0.0, 0.0038610038, 0.0, 0.0038610038, 0.0077220076, 0.0, 0.0038610038, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.0019305019, 0.0, 0.0038610038, 0.0, 0.0019305019, 0.0019305019, 0.0019305019, 0.011583012, 0.0038610038, 0.0019305019, 0.0019305019, 0.0, 0.0, 0.005791506, 0.0, 0.0019305019, 0.0, 0.0, 0.0, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0038610038, 0.0038610038, 0.0019305019, 0.0019305019, 0.0038610038, 0.0, 0.009652509, 0.0, 0.0019305019, 0.005791506, 0.0019305019, 0.0, 0.0019305019, 0.0, 0.0, 0.0019305019, 0.0038610038, 0.0, 0.0019305019, 0.0038610038, 0.005791506, 0.0038610038, 0.0019305019, 0.0077220076, 0.0, 0.0019305019, 0.005791506, 0.0, 0.0038610038, 0.0, 0.0038610038, 0.0019305019, 0.0038610038, 0.005791506, 0.0019305019, 0.0038610038, 0.0019305019, 0.0, 0.0038610038, 0.0019305019, 0.005791506, 0.0019305019, 0.0019305019, 0.0019305019, 0.0019305019, 0.0019305019, 0.0077220076, 0.0019305019, 0.0038610038, 0.0019305019, 0.0019305019, 0.0038610038, 0.0, 0.0019305019, 0.0077220076, 0.0077220076, 0.0, 0.005791506, 0.0, 0.0, 0.0019305019, 0.0, 0.0038610038, 0.0019305019, 0.0038610038, 0.0, 0.0038610038, 0.0, 0.0019305019, 0.005791506, 0.0019305019, 0.0, 0.0, 0.009652509, 0.0, 0.0, 0.0038610038, 0.0019305019, 0.0038610038, 0.0, 0.005791506, 0.0019305019, 0.0038610038, 0.0, 0.0, 0.0019305019, 0.0038610038, 0.0038610038, 0.0038610038, 0.0019305019, 0.0038610038, 0.0, 0.0038610038, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0019305019, 0.0019305019, 0.0, 0.0019305019, 0.0077220076, 0.005791506, 0.0019305019, 0.0019305019, 0.0, 0.0038610038, 0.005791506, 0.0077220076, 0.0, 0.0, 0.0019305019, 0.0, 0.011583012, 0.009652509, 0.0038610038, 0.0077220076, 0.009652509, 0.0, 0.0, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0, 0.0, 0.0, 0.0077220076, 0.0019305019, 0.0, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.0077220076, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.005791506, 0.0038610038, 0.0, 0.0, 0.0, 0.0, 0.019305019, 0.0038610038, 0.0, 0.0, 0.0, 0.0019305019, 0.011583012, 0.005791506, 0.0019305019, 0.0, 0.0019305019, 0.0019305019, 0.011583012, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0038610038, 0.0038610038, 0.005791506, 0.0038610038, 0.0, 0.0, 0.0077220076, 0.0019305019, 0.005791506, 0.0019305019, 0.0019305019, 0.0038610038, 0.005791506, 0.0019305019, 0.0, 0.0077220076, 0.0019305019, 0.0038610038, 0.0038610038, 0.0, 0.0038610038, 0.0019305019, 0.0, 0.0077220076, 0.0, 0.0019305019, 0.0019305019, 0.0, 0.0019305019, 0.0038610038, 0.0019305019, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.0, 0.0019305019, 0.0, 0.005791506, 0.0019305019, 0.0019305019, 0.0019305019, 0.0, 0.005791506, 0.0038610038, 0.0, 0.0, 0.0038610038, 0.0, 0.0019305019, 0.0019305019, 0.0019305019, 0.0, 0.005791506, 0.005791506, 0.0038610038, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.0, 0.0, 0.005791506, 0.0019305019, 0.0038610038, 0.0038610038, 0.0038610038, 0.0019305019, 0.0019305019, 0.0, 0.0, 0.0019305019, 0.0, 0.0019305019, 0.0038610038, 0.0019305019, 0.0, 0.005791506, 0.0019305019, 0.0038610038, 0.0038610038, 0.0019305019, 0.0, 0.0, 0.0019305019, 0.005791506, 0.0, 0.0019305019 ]

--Histogram size : 400

17/02/15 22:04:32 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:32 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:32 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:32 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:32 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:33 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:33 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:33 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:33 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:33 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:33 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:33 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:33 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:33 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:33 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:33 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:33 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:33 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:33 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 15

17/02/15 22:04:33 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 17

17/02/15 22:04:33 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 13

17/02/15 22:04:33 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:33 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:33 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:33 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : lion as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/zebra/1.jpg

17/02/15 22:04:34 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:34 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:34 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:34 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:34 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:34 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:34 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:34 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:34 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:34 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:34 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:34 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:34 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

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17/02/15 22:04:34 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:34 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

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17/02/15 22:04:34 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:34 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:34 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:34 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:34 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:34 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:34 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:34 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0031847134, 0.0, 0.006369427, 0.0, 0.0, 0.0, 0.0031847134, 0.00955414, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006369427, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.006369427, 0.0, 0.012738854, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006369427, 0.00955414, 0.006369427, 0.02866242, 0.0, 0.0031847134, 0.0031847134, 0.01910828, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.006369427, 0.0, 0.006369427, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0, 0.0, 0.00955414, 0.006369427, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.01910828, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0031847134, 0.0031847134, 0.00955414, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.006369427, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.012738854, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.006369427, 0.0031847134, 0.0, 0.0, 0.0, 0.015923567, 0.0, 0.0, 0.0, 0.0, 0.00955414, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.00955414, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.00955414, 0.0, 0.0, 0.02866242, 0.0, 0.0, 0.012738854, 0.006369427, 0.0, 0.035031848, 0.006369427, 0.0, 0.0031847134, 0.006369427, 0.0, 0.0, 0.0, 0.0, 0.012738854, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.00955414, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.00955414, 0.02866242, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.006369427, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.012738854, 0.012738854, 0.0031847134, 0.0, 0.0, 0.00955414, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.00955414, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.022292994, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006369427, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.006369427, 0.0, 0.00955414, 0.0, 0.006369427, 0.0, 0.0, 0.0031847134, 0.025477707, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.00955414, 0.006369427, 0.006369427, 0.0, 0.0031847134, 0.0, 0.006369427, 0.0, 0.0031847134, 0.0, 0.00955414, 0.0031847134, 0.0, 0.0031847134, 0.006369427, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.006369427, 0.0, 0.0, 0.015923567, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.00955414, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.012738854, 0.0, 0.0, 0.0, 0.01910828, 0.0031847134, 0.0, 0.0031847134, 0.0031847134, 0.0031847134, 0.0031847134, 0.006369427, 0.006369427, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.00955414, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.006369427, 0.0, 0.006369427, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.006369427, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0, 0.0, 0.0031847134, 0.0, 0.0031847134, 0.0031847134, 0.0, 0.0031847134, 0.0, 0.0, 0.0, 0.0, 0.0, 0.031847134, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0031847134, 0.0 ]

--Histogram size : 400

17/02/15 22:04:35 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:35 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:35 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:35 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:35 INFO ParquetFileReader: Initiating action with parallelism: 5

[Stage 4872:> (0 + 0) / 4]17/02/15 22:04:35 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:35 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:35 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:35 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:35 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:35 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:35 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:35 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 17

17/02/15 22:04:35 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:35 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:35 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:35 INFO InternalParquetRecordReader: block read in memory in 1 ms. row count = 15

17/02/15 22:04:35 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:35 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:35 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:35 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:35 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:35 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:35 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:35 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : zebra as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/zebra/2.jpg

17/02/15 22:04:36 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:36 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:36 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:36 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:36 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:37 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:37 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:37 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:37 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:37 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:37 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:37 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:37 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:37 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:37 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:37 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:37 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:37 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:37 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:37 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:37 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:37 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:37 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:37 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:37 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.003241491, 0.0, 0.0016207455, 0.0, 0.006482982, 0.003241491, 0.003241491, 0.0016207455, 0.003241491, 0.0, 0.0016207455, 0.0, 0.0, 0.004862237, 0.0016207455, 0.008103727, 0.003241491, 0.0, 0.0016207455, 0.0016207455, 0.003241491, 0.0, 0.009724474, 0.004862237, 0.0, 0.0, 0.0016207455, 0.003241491, 0.016207455, 0.0, 0.0, 0.008103727, 0.004862237, 0.0, 0.0016207455, 0.0, 0.004862237, 0.0, 0.008103727, 0.009724474, 0.0, 0.009724474, 0.0, 0.011345219, 0.0016207455, 0.0, 0.0, 0.0016207455, 0.0, 0.0, 0.006482982, 0.0, 0.003241491, 0.0016207455, 0.0, 0.0, 0.0016207455, 0.0, 0.0016207455, 0.003241491, 0.0016207455, 0.004862237, 0.0016207455, 0.0016207455, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003241491, 0.0, 0.0, 0.0016207455, 0.006482982, 0.0016207455, 0.016207455, 0.004862237, 0.003241491, 0.004862237, 0.0, 0.0016207455, 0.0, 0.0, 0.0, 0.0, 0.003241491, 0.0016207455, 0.0016207455, 0.0, 0.0, 0.014586709, 0.0, 0.0, 0.0, 0.008103727, 0.0016207455, 0.003241491, 0.0016207455, 0.0016207455, 0.0, 0.003241491, 0.0016207455, 0.0, 0.0016207455, 0.0016207455, 0.009724474, 0.0016207455, 0.0, 0.0, 0.0, 0.0, 0.0016207455, 0.009724474, 0.004862237, 0.0016207455, 0.0, 0.004862237, 0.0, 0.0016207455, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0016207455, 0.0016207455, 0.003241491, 0.0, 0.003241491, 0.0016207455, 0.003241491, 0.003241491, 0.0016207455, 0.0, 0.003241491, 0.0016207455, 0.0, 0.0016207455, 0.0, 0.0, 0.0, 0.0016207455, 0.003241491, 0.0, 0.003241491, 0.0, 0.0, 0.003241491, 0.0016207455, 0.0, 0.006482982, 0.0, 0.0016207455, 0.008103727, 0.0, 0.0, 0.0, 0.0, 0.004862237, 0.003241491, 0.0, 0.0016207455, 0.0016207455, 0.006482982, 0.003241491, 0.0, 0.0016207455, 0.0, 0.004862237, 0.0016207455, 0.0, 0.0, 0.006482982, 0.0, 0.0016207455, 0.004862237, 0.0, 0.0, 0.004862237, 0.004862237, 0.0, 0.0, 0.0, 0.0016207455, 0.003241491, 0.0, 0.0, 0.011345219, 0.0, 0.0016207455, 0.003241491, 0.003241491, 0.0, 0.011345219, 0.0178282, 0.008103727, 0.004862237, 0.003241491, 0.009724474, 0.0, 0.0, 0.0, 0.004862237, 0.004862237, 0.0016207455, 0.003241491, 0.003241491, 0.0016207455, 0.0, 0.0016207455, 0.004862237, 0.0016207455, 0.003241491, 0.004862237, 0.0, 0.0, 0.0, 0.0016207455, 0.008103727, 0.0016207455, 0.0016207455, 0.003241491, 0.0, 0.0016207455, 0.004862237, 0.0016207455, 0.0016207455, 0.0016207455, 0.008103727, 0.0, 0.0, 0.0, 0.0016207455, 0.0, 0.0016207455, 0.0016207455, 0.0016207455, 0.0016207455, 0.0, 0.0, 0.0, 0.004862237, 0.0, 0.003241491, 0.006482982, 0.003241491, 0.004862237, 0.0016207455, 0.011345219, 0.006482982, 0.011345219, 0.0016207455, 0.003241491, 0.004862237, 0.003241491, 0.004862237, 0.0, 0.003241491, 0.0, 0.0, 0.009724474, 0.003241491, 0.0, 0.0, 0.0016207455, 0.003241491, 0.0, 0.0016207455, 0.0016207455, 0.0, 0.0, 0.0, 0.0, 0.0, 0.014586709, 0.0016207455, 0.003241491, 0.0016207455, 0.012965964, 0.006482982, 0.003241491, 0.011345219, 0.0, 0.0, 0.0, 0.0016207455, 0.024311183, 0.0, 0.0016207455, 0.0016207455, 0.003241491, 0.006482982, 0.0016207455, 0.0016207455, 0.0, 0.0, 0.003241491, 0.0, 0.003241491, 0.0, 0.0016207455, 0.0, 0.0016207455, 0.0, 0.0, 0.008103727, 0.003241491, 0.0, 0.003241491, 0.0016207455, 0.004862237, 0.003241491, 0.006482982, 0.003241491, 0.0016207455, 0.0, 0.003241491, 0.0, 0.0, 0.0016207455, 0.0016207455, 0.0, 0.0016207455, 0.0, 0.0, 0.004862237, 0.004862237, 0.004862237, 0.003241491, 0.0, 0.006482982, 0.0, 0.0016207455, 0.024311183, 0.004862237, 0.0, 0.0016207455, 0.0, 0.011345219, 0.003241491, 0.0016207455, 0.0016207455, 0.004862237, 0.003241491, 0.0, 0.004862237, 0.0, 0.0, 0.0016207455, 0.0, 0.003241491, 0.008103727, 0.0, 0.0016207455, 0.0016207455, 0.0, 0.0016207455, 0.0016207455, 0.0, 0.004862237, 0.0, 0.0, 0.008103727, 0.0016207455, 0.008103727, 0.0, 0.0016207455, 0.003241491, 0.0, 0.0016207455, 0.0, 0.0, 0.0, 0.009724474, 0.0, 0.0, 0.0016207455, 0.0, 0.0, 0.004862237, 0.0, 0.003241491, 0.0, 0.003241491, 0.0, 0.0, 0.0, 0.0, 0.016207455, 0.0, 0.004862237, 0.0, 0.0016207455, 0.003241491, 0.003241491, 0.0016207455, 0.0, 0.0 ]

--Histogram size : 400

17/02/15 22:04:37 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:37 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:37 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:37 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:37 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:38 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:38 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:38 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:38 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:38 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:38 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:38 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:38 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:38 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:38 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:38 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:38 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:38 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:38 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

17/02/15 22:04:38 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:38 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:38 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:38 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:38 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:38 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

Predicting test image : zebra as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/zebra/3.jpg

17/02/15 22:04:38 INFO FileInputFormat: Total input paths to process : 1

[Stage 4882:> (0 + 0) / 4]17/02/15 22:04:39 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:39 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:39 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:39 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:39 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:39 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:39 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:39 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:39 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:39 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:39 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:39 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:39 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:39 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:39 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:39 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:39 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:39 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:39 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:39 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:39 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:39 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:39 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:39 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.012048192, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.008032128, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.0, 0.008032128, 0.008032128, 0.008032128, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.024096385, 0.016064256, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.0, 0.004016064, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.02008032, 0.0, 0.004016064, 0.0, 0.008032128, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.004016064, 0.004016064, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.0, 0.0, 0.012048192, 0.004016064, 0.004016064, 0.0, 0.008032128, 0.004016064, 0.0, 0.004016064, 0.0, 0.0, 0.008032128, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.012048192, 0.008032128, 0.004016064, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.004016064, 0.008032128, 0.0, 0.004016064, 0.0, 0.012048192, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.0, 0.0, 0.008032128, 0.0, 0.0, 0.008032128, 0.0, 0.004016064, 0.0, 0.004016064, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.012048192, 0.004016064, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.0, 0.004016064, 0.0, 0.004016064, 0.004016064, 0.0, 0.004016064, 0.0, 0.008032128, 0.004016064, 0.0, 0.0, 0.0, 0.008032128, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.004016064, 0.0, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.012048192, 0.016064256, 0.0, 0.0, 0.004016064, 0.0, 0.012048192, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.008032128, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.012048192, 0.0, 0.004016064, 0.0, 0.008032128, 0.012048192, 0.0, 0.004016064, 0.0, 0.008032128, 0.004016064, 0.008032128, 0.0, 0.0, 0.0, 0.012048192, 0.0, 0.012048192, 0.0, 0.0, 0.004016064, 0.0, 0.008032128, 0.0, 0.012048192, 0.0, 0.032128513, 0.0, 0.0, 0.0, 0.008032128, 0.004016064, 0.004016064, 0.0, 0.004016064, 0.0, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.004016064, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.008032128, 0.0, 0.008032128, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.004016064, 0.0, 0.008032128, 0.0, 0.0, 0.0, 0.008032128, 0.004016064, 0.012048192, 0.0, 0.0, 0.004016064, 0.008032128, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.008032128, 0.0, 0.012048192, 0.0, 0.0, 0.0, 0.012048192, 0.012048192, 0.0, 0.0, 0.0, 0.0, 0.004016064, 0.0, 0.008032128, 0.0, 0.0, 0.004016064, 0.0, 0.0, 0.0, 0.016064256, 0.0, 0.0, 0.004016064, 0.004016064, 0.004016064, 0.0, 0.0, 0.0, 0.004016064 ]

--Histogram size : 400

17/02/15 22:04:40 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:40 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:40 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:40 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:40 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:40 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:40 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:40 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:40 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:40 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:40 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:40 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:40 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:40 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:40 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:40 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:40 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:40 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:40 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:40 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:40 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:40 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:40 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:40 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:40 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : zebra as lion

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/zebra/4.jpg

17/02/15 22:04:41 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:41 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:41 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:41 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:41 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:42 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:42 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:42 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:42 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:42 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:42 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:42 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:42 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:42 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:42 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:42 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:42 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:42 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:42 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:42 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:42 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:42 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:42 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:42 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:42 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0088495575, 0.006637168, 0.0, 0.0, 0.0, 0.0044247787, 0.0, 0.0, 0.0, 0.0022123894, 0.006637168, 0.006637168, 0.0088495575, 0.0, 0.006637168, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0022123894, 0.006637168, 0.0044247787, 0.0022123894, 0.0022123894, 0.0088495575, 0.0044247787, 0.0, 0.0022123894, 0.006637168, 0.006637168, 0.0, 0.0, 0.0, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.006637168, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0, 0.0044247787, 0.0, 0.0, 0.0, 0.0022123894, 0.006637168, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0044247787, 0.0, 0.0088495575, 0.0, 0.0022123894, 0.0044247787, 0.0, 0.0044247787, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0044247787, 0.0, 0.0044247787, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0044247787, 0.006637168, 0.0088495575, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.006637168, 0.0022123894, 0.0, 0.0022123894, 0.0, 0.0, 0.011061947, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0088495575, 0.0022123894, 0.0088495575, 0.0, 0.0, 0.006637168, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0044247787, 0.006637168, 0.0088495575, 0.006637168, 0.006637168, 0.0044247787, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.006637168, 0.0, 0.0, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0088495575, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.006637168, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0, 0.0088495575, 0.0, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0022123894, 0.0044247787, 0.006637168, 0.0022123894, 0.006637168, 0.0022123894, 0.0, 0.0, 0.030973451, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0088495575, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0044247787, 0.006637168, 0.0044247787, 0.0, 0.011061947, 0.0, 0.011061947, 0.011061947, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0044247787, 0.0, 0.006637168, 0.0044247787, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0022123894, 0.0088495575, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0, 0.0022123894, 0.0022123894, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0, 0.0, 0.0, 0.0, 0.0022123894, 0.0, 0.0, 0.0, 0.0022123894, 0.0044247787, 0.011061947, 0.0, 0.0044247787, 0.0, 0.0044247787, 0.0088495575, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0022123894, 0.006637168, 0.0088495575, 0.0044247787, 0.0, 0.0, 0.0022123894, 0.0, 0.0022123894, 0.0044247787, 0.0022123894, 0.0, 0.006637168, 0.0022123894, 0.0, 0.0, 0.0, 0.0044247787, 0.0088495575, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.0022123894, 0.0022123894, 0.0, 0.0, 0.0044247787, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0022123894, 0.0022123894, 0.0, 0.0022123894, 0.006637168, 0.0022123894, 0.0044247787, 0.0044247787, 0.0022123894, 0.0, 0.0, 0.0, 0.0, 0.006637168, 0.0044247787, 0.0, 0.006637168, 0.0, 0.0, 0.0, 0.0, 0.0044247787, 0.0, 0.0022123894, 0.0022123894, 0.006637168, 0.0022123894, 0.0, 0.0022123894 ]

--Histogram size : 400

17/02/15 22:04:42 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:42 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:42 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:42 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:42 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:43 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:43 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:43 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:43 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:43 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:43 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:43 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:43 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:43 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:43 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:43 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:43 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:43 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:43 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:43 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:43 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:43 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:43 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:43 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:43 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : zebra as zebra

file:/C:/Users/Megha Nagabhushan/Documents/BDAA/lab-4/CS5542-Tutorial4-SourceCode/image\_classification/data/test2/zebra/5.jpg

17/02/15 22:04:43 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:43 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:43 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:43 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:43 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:44 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:44 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:44 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:44 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:44 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:44 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:44 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:44 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:44 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:44 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:44 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:44 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:44 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:44 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:44 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

17/02/15 22:04:44 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:44 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 100 records.

17/02/15 22:04:44 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:44 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:44 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 100

400 5

Histogram size : (400, 1)

Histogram : [ 0.0, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.007067138, 0.007067138, 0.003533569, 0.0, 0.0, 0.003533569, 0.007067138, 0.010600707, 0.010600707, 0.010600707, 0.003533569, 0.0, 0.007067138, 0.007067138, 0.0, 0.003533569, 0.010600707, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.007067138, 0.007067138, 0.0, 0.0, 0.007067138, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.010600707, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.003533569, 0.0, 0.0, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.007067138, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.007067138, 0.007067138, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.010600707, 0.0, 0.003533569, 0.007067138, 0.0, 0.010600707, 0.003533569, 0.010600707, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.003533569, 0.017667845, 0.0, 0.0, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.003533569, 0.0, 0.010600707, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.003533569, 0.014134276, 0.014134276, 0.0, 0.010600707, 0.010600707, 0.003533569, 0.0, 0.010600707, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.010600707, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.010600707, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.007067138, 0.007067138, 0.0, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.007067138, 0.0, 0.0, 0.0, 0.0, 0.0, 0.007067138, 0.0, 0.0, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.0, 0.0, 0.007067138, 0.003533569, 0.0, 0.014134276, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.007067138, 0.003533569, 0.014134276, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.007067138, 0.003533569, 0.010600707, 0.0, 0.0, 0.007067138, 0.003533569, 0.0, 0.003533569, 0.0, 0.0, 0.003533569, 0.007067138, 0.0, 0.007067138, 0.003533569, 0.003533569, 0.003533569, 0.0, 0.0, 0.0, 0.0, 0.003533569, 0.003533569, 0.007067138, 0.0, 0.003533569, 0.003533569, 0.0, 0.003533569, 0.007067138 ]

--Histogram size : 400

17/02/15 22:04:44 INFO FileInputFormat: Total input paths to process : 1

17/02/15 22:04:44 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:44 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:44 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:44 INFO ParquetFileReader: Initiating action with parallelism: 5

17/02/15 22:04:45 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:45 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:45 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:45 WARN ParquetRecordReader: Can not initialize counter due to context is not a instance of TaskInputOutputContext, but is org.apache.hadoop.mapreduce.task.TaskAttemptContextImpl

17/02/15 22:04:45 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:45 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 15 records.

17/02/15 22:04:45 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:45 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:45 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:45 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:45 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:45 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 15

17/02/15 22:04:45 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 17 records.

17/02/15 22:04:45 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:45 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:45 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.

17/02/15 22:04:45 INFO InternalParquetRecordReader: at row 0. reading next block

17/02/15 22:04:45 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 17

17/02/15 22:04:45 INFO CodecPool: Got brand-new decompressor [.gz]

17/02/15 22:04:45 INFO InternalParquetRecordReader: block read in memory in 0 ms. row count = 13

Predicting test image : zebra as zebra

(2.0,2)

(2.0,2)

(3.0,2)

(2.0,2)

(2.0,2)

(2.0,3)

(2.0,3)

(2.0,3)

(1.0,3)

(3.0,3)

(0.0,0)

(3.0,0)

(3.0,0)

(3.0,0)

(2.0,0)

(0.0,1)

(0.0,1)

(0.0,1)

(1.0,1)

(3.0,1)

0.35

|=================== Confusion matrix ==========================

1.0 0.0 1.0 3.0

3.0 1.0 0.0 1.0

0.0 0.0 4.0 1.0

0.0 1.0 3.0 1.0

0.35

Process finished with exit code 0