

```
1 "C:\Program Files\Java\jdk1.8.0_144\bin\java" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\lib\idea_rt.jar=52502:C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\bin" -Dfile.encoding=UTF-8 -classpath "C:\Program Files\Java\jdk1.8.0_144\jre\lib\charsets.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\deploy.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\access-bridge-64.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\cldrdata.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\dnsns.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\jaccess.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\jfxrt.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\localizedata.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\ext\ Nashorn.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\sunec.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\sunjce_provider.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\sunmscapi.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\sunpkcs11.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\jfr.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\jfxswt.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\jsse.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\management-agent.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\plugin.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\resources.jar;C:\Program Files\Java\jdk1.8.0_144\jre\lib\rt.jar;C:\Users\Shreya\Desktop\big data\ICP\ICP 5\CS5542-Tutorial5SourceCode\ImageClassification\image_classification\target\scala-2.11\classes;C:\Users\Shreya\.ivy2\cache\aoipalliance\aoipalliance\jars\aoipalliance-1.0.jar;C:\Users\Shreya\.ivy2\cache\xmlenc\xmlenc\jars\xmlenc-0.52.jar;C:\Users\Shreya\.ivy2\cache\oro\oro\jars\oro-2.0.8.jar;C:\Users\Shreya\.ivy2\cache\org.xerial.snappy\snappy-java\bundles\snappy-java-1.1.2.6.jar;C:\Users\Shreya\.ivy2\cache\org.tukaani\xz\jars\xz-1.0.jar;C:\Users\Shreya\.ivy2\cache\org.spark-project.spark\unused\jars\unused-1.0.0.jar;C:\Users\Shreya\.ivy2\cache\org.sonatype.sisu.inject\cglib\jars\cglib-2.2.1-v20090111.jar;C:\Users\Shreya\.ivy2\cache\org.slf4j\slf4j-log4j12\jars\slf4j-log4j12-1.7.16.jar;C:\Users\Shreya\.ivy2\cache\org.slf4j\slf4j-api\jars\slf4j-api-1.7.16.jar;C:\Users\Shreya\.ivy2\cache\org.slf4j\jul-to-slf4j\jars\jul-to-slf4j-1.7.16.jar;C:\Users\Shreya\.ivy2\cache\org.slf4j\jcl-over-slf4j\jars\jcl-over-slf4j-1.7.16.jar;C:\Users\Shreya
```

1 \.ivy2\cache\org.scala-lang.modules\scala-parser-combinators_2.11\bundles\scala-parser-combinators_2.11-1.0.4.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang.modules\scala-java8-compat_2.11\bundles\scala-java8-compat_2.11-0.7.0.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scalap\jars\scalap-2.11.0.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-reflect\jars\scala-reflect-2.11.8.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-library\jars\scala-library-2.11.11.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-compiler\jars\scala-compiler-2.11.0.jar;C:\Users\Shreya\.ivy2\cache\org.roaringbitmap\RoaringBitmap\bundles\RoaringBitmap-0.5.11.jar;C:\Users\Shreya\.ivy2\cache\org.reactivestreams\reactive-streams\jars\reactive-streams-1.0.0.jar;C:\Users\Shreya\.ivy2\cache\org.objenesis\objenesis\jars\objenesis-2.1.jar;C:\Users\Shreya\.ivy2\cache\org.mortbay.jetty\jetty-util\jars\jetty-util-6.1.26.jar;C:\Users\Shreya\.ivy2\cache\org.json4s\json4s-jackson_2.11\jars\json4s-jackson_2.11-3.2.11.jar;C:\Users\Shreya\.ivy2\cache\org.json4s\json4s-core_2.11\jars\json4s-core_2.11-3.2.11.jar;C:\Users\Shreya\.ivy2\cache\org.json4s\json4s-ast_2.11\jars\json4s-ast_2.11-3.2.11.jar;C:\Users\Shreya\.ivy2\cache\org.jpmml\pmml-schema\jars\pmml-schema-1.2.15.jar;C:\Users\Shreya\.ivy2\cache\org.jpmml\pmml-model\jars\pmml-model-1.2.15.jar;C:\Users\Shreya\.ivy2\cache\org.javassist\javassist\bundles\javassist-3.18.1-GA.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.media\jersey-media-jaxb\jars\jersey-media-jaxb-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.core\jersey-server\jars\jersey-server-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.core\jersey-common\jars\jersey-common-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.core\jersey-client\jars\jersey-client-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.containers\jersey-container-servlet-core\jars\jersey-container-servlet-core-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.containers\jersey-container-servlet\jars\jersey-container-servlet-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.jersey.bundles.repackaged\jersey-guava\bundles\jersey-guava-2.22.2.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.hk2.external\javax.inject\jars\javax.inject-2.4.0-b34.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.hk2.external\oopalliance-repackaged\jars\oopalliance-repackaged-2.4.0-b34.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.hk2\osgi-resource-locator\jars\osgi-resource-locator-1.0.1.jar;C:\

1 Users\Shreya\.ivy2\cache\org.glassfish.hk2\hk2-utils\jars\hk2-utils-2.4.0-b34.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.hk2\hk2-locator\jars\hk2-locator-2.4.0-b34.jar;C:\Users\Shreya\.ivy2\cache\org.glassfish.hk2\hk2-api\jars\hk2-api-2.4.0-b34.jar;C:\Users\Shreya\.ivy2\cache\org.fusesource.leveldbjni\leveldbjni-all\bundles\leveldbjni-all-1.8.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.jackson\jackson-mapper-asl\jars\jackson-mapper-asl-1.9.13.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.jackson\jackson-core-asl\jars\jackson-core-asl-1.9.13.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\videoinput\jars\videoinput-0.200-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencv\jars\opencv-2.4.11-0.11-windows-x86_64.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencv\jars\opencv-2.4.11-0.11-windows-x86.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencv\jars\opencv-2.4.11-0.11-macosx-x86_64.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencv\jars\opencv-2.4.11-0.11-linux-x86_64.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencv\jars\opencv-2.4.11-0.11-linux-x86.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\opencvc\jars\opencvc-2.4.11-0.11.3-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.libfreenect\jars\libfreenect-0.5.2-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\libdc1394\jars\libdc1394-2.2.3-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\flycapture\jars\flycapture-2.7.3.19-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\flandmark\jars\flandmark-1.07-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\ffmpeg\jars\ffmpeg-2.6.1-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp-presets\artoolkitplus\jars\artoolkitplus-2.3.1-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacv\jars\javacv-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.bytedeco.javacpp\maven-plugins\javacpp-0.11.jar;C:\Users\Shreya\.ivy2\cache\org.apache.xbean\xbean-asm5-shaded\bundles\xbean-asm5-shaded-4.4.jar;C:\Users\Shreya\.ivy2\cache\org.apache.ivy\ivy\jars\ivy-2.4.0.jar;C:\Users\Shreya\.ivy2\cache\org.apache.commons\commons-math3\jars\commons-math3-3.4.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.commons\commons-compress\jars\commons-compress-1.4.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.avro\avro-mapred\jars\avro-mapred-1.7.7-hadoop2.jar;C:\Users\Shreya\.ivy2\cache\org.apache.avro\avro-ipc\jars\avro-ipc-1.7.7-

1 tests.jar;C:\Users\Shreya\.ivy2\cache\org.apache.avro\avro-ipc\jars\avro-ipc-1.7.7.jar;C:\Users\Shreya\.ivy2\cache\org.apache.avro\avro\jars\avro-1.7.7.jar;C:\Users\Shreya\.ivy2\cache\org.antlr\antlr4-runtime\jars\antlr4-runtime-4.5.3.jar;C:\Users\Shreya\.ivy2\cache\net.sourceforge.f2j\arpack_combined_all\jars\arpack_combined_all-0.1-javadoc.jar;C:\Users\Shreya\.ivy2\cache\net.sourceforge.f2j\arpack_combined_all\jars\arpack_combined_all-0.1.jar;C:\Users\Shreya\.ivy2\cache\net.sf.opencsv\opencsv\jars\opencsv-2.3.jar;C:\Users\Shreya\.ivy2\cache\net.jpountz.lz4\lz4\jars\lz4-1.3.0.jar;C:\Users\Shreya\.ivy2\cache\log4j\log4j\bundles\log4j-1.2.17.jar;C:\Users\Shreya\.ivy2\cache\javax.ws.rs\javax.ws.rs-api\jars\javax.ws.rs-api-2.0.1.jar;C:\Users\Shreya\.ivy2\cache\javax.validation\validation-api\jars\validation-api-1.1.0.Final.jar;C:\Users\Shreya\.ivy2\cache\javax.servlet\javax.servlet-api\jars\javax.servlet-api-3.1.0.jar;C:\Users\Shreya\.ivy2\cache\javax.inject\javax.inject\jars\javax.inject-1.jar;C:\Users\Shreya\.ivy2\cache\javax.annotation\javax.annotation-api\jars\javax.annotation-api-1.2.jar;C:\Users\Shreya\.ivy2\cache\io.dropwizard.metrics\metrics-jvm\bundles\metrics-jvm-3.1.2.jar;C:\Users\Shreya\.ivy2\cache\io.dropwizard.metrics\metrics-json\bundles\metrics-json-3.1.2.jar;C:\Users\Shreya\.ivy2\cache\io.dropwizard.metrics\metrics-graphite\bundles\metrics-graphite-3.1.2.jar;C:\Users\Shreya\.ivy2\cache\io.dropwizard.metrics\metrics-core\bundles\metrics-core-3.1.2.jar;C:\Users\Shreya\.ivy2\cache\commons-net\commons-net\jars\commons-net-2.2.jar;C:\Users\Shreya\.ivy2\cache\commons-httpclient\commons-httpclient\jars\commons-httpclient-3.1.jar;C:\Users\Shreya\.ivy2\cache\commons-digester\commons-digester\jars\commons-digester-1.8.jar;C:\Users\Shreya\.ivy2\cache\commons-configuration\commons-configuration\jars\commons-configuration-1.6.jar;C:\Users\Shreya\.ivy2\cache\commons-codec\commons-codec\jars\commons-codec-1.10.jar;C:\Users\Shreya\.ivy2\cache\commons-cli\commons-cli\jars\commons-cli-1.2.jar;C:\Users\Shreya\.ivy2\cache\commons-beanutils\commons-beanutils-core\jars\commons-beanutils-core-1.8.0.jar;C:\Users\Shreya\.ivy2\cache\commons-beanutils\commons-beanutils\jars\commons-beanutils-1.7.0.jar;C:\Users\Shreya\.ivy2\cache\com.typesafe.akka\akka-stream_2.11\jars\akka-stream_2.11-2.4.19.jar;C:\Users\Shreya\.ivy2\cache\com.typesafe.akka\akka-parsing_2.11\jars\akka-parsing_2.11-10.0.10.jar;C:\Users\Shreya\.ivy2\cache\com.typesafe.akka\akka-http_2.11\jars\akka-http_2.11-10.0.10.jar;C:\Users\

1 Shreya\.ivy2\cache\com.typesafe.akka\akka-http-core_2.11\
jars\akka-http-core_2.11-10.0.10.jar;C:\Users\Shreya\.ivy2\
\cache\com.typesafe.akka\akka-actor_2.11\jars\akka-actor_2
.11-2.4.19.jar;C:\Users\Shreya\.ivy2\cache\com.typesafe\
ssl-config-core_2.11\bundles\ssl-config-core_2.11-0.2.1.
jar;C:\Users\Shreya\.ivy2\cache\com.typesafe\config\
bundles\config-1.3.0.jar;C:\Users\Shreya\.ivy2\cache\com.
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Shreya\.ivy2\cache\com.twitter\chill-java\jars\chill-java-
0.8.0.jar;C:\Users\Shreya\.ivy2\cache\com.thoughtworks.
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\.ivy2\cache\com.ning\compress-lzf\bundles\compress-lzf-1.
0.3.jar;C:\Users\Shreya\.ivy2\cache\com.levigo.jbig2\
levigo-jbig2-imageio\jars\levigo-jbig2-imageio-1.6.5.jar;C
:\Users\Shreya\.ivy2\cache\com.google.protobuf\protobuf-
java\bundles\protobuf-java-2.5.0.jar;C:\Users\Shreya\.ivy2\
\cache\com.google.inject\guice\jars\guice-3.0.jar;C:\Users\
Shreya\.ivy2\cache\com.google.code.findbugs\jsr305\jars\
jsr305-1.3.9.jar;C:\Users\Shreya\.ivy2\cache\com.github.
rwjtransforms\jars\jtransforms-2.4.0.jar;C:\Users\Shreya
\.ivy2\cache\com.github.fommil.netlib\core\jars\core-1.1.2
.jar;C:\Users\Shreya\.ivy2\cache\com.fasterxml.jackson.
module\jackson-module-scala_2.11\bundles\jackson-module-
scala_2.11-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\com.
fasterxml.jackson.module\jackson-module-paranamer\bundles\
jackson-module-paranamer-2.6.5.jar;C:\Users\Shreya\.ivy2\
cache\com.fasterxml.jackson.core\jackson-databind\bundles\
jackson-databind-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\com
.fasterxml.jackson.core\jackson-core\bundles\jackson-core-
2.6.5.jar;C:\Users\Shreya\.ivy2\cache\com.fasterxml.
jackson.core\jackson-annotations\bundles\jackson-
annotations-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\com.
esotericsoftware\minlog\bundles\minlog-1.3.0.jar;C:\Users\
Shreya\.ivy2\cache\com.esotericsoftware\kryo-shaded\
bundles\kryo-shaded-3.0.3.jar;C:\Users\Shreya\.ivy2\cache\
com.clearspring.analytics\stream\jars\stream-2.7.0.jar;C:\
Users\Shreya\.ivy2\cache\ch.megard\akka-http-cors_2.11\
jars\akka-http-cors_2.11-0.2.2.jar;C:\Users\Shreya\.ivy2\
cache\com.chuusai\shapeless_2.11\bundles\shapeless_2.11-2.
3.2.jar;C:\Users\Shreya\.ivy2\cache\com.google.code.gson\
gson\jars\gson-2.2.4.jar;C:\Users\Shreya\.ivy2\cache\com.
google.guava\guava\jars\guava-11.0.2.jar;C:\Users\Shreya\
.ivy2\cache\com.jamesmurty.utils\java-xmlbuilder\jars\java-
xmlbuilder-1.0.jar;C:\Users\Shreya\.ivy2\cache\com.
univocity\univocity-parsers\jars\univocity-parsers-2.2.1.

```
1 jar;C:\Users\Shreya\.ivy2\cache\commons-collections\commons-collections\jars\commons-collections-3.2.2.jar;C:\Users\Shreya\.ivy2\cache\commons-io\commons-io\jars\commons-io-2.4.jar;C:\Users\Shreya\.ivy2\cache\commons-lang\commons-lang\jars\commons-lang-2.6.jar;C:\Users\Shreya\.ivy2\cache\io.netty\bundles\netty-3.9.9.Final.jar;C:\Users\Shreya\.ivy2\cache\io.netty\netty-all\jars\netty-all-4.0.43.Final.jar;C:\Users\Shreya\.ivy2\cache\javax.activation\activation\jars\activation-1.1.1.jar;C:\Users\Shreya\.ivy2\cache\javax.mail\mail\jars\mail-1.4.7.jar;C:\Users\Shreya\.ivy2\cache\javax.xml.bind\jaxb-api\jars\jaxb-api-2.2.2.jar;C:\Users\Shreya\.ivy2\cache\javax.xml.stream\stax-api\jars\stax-api-1.0-2.jar;C:\Users\Shreya\.ivy2\cache\jline\jline\jars\jline-0.9.94.jar;C:\Users\Shreya\.ivy2\cache\mx4j\mx4j\jars\mx4j-3.0.2.jar;C:\Users\Shreya\.ivy2\cache\net.iharder\base64\jars\base64-2.3.8.jar;C:\Users\Shreya\.ivy2\cache\net.java.dev.jets3t\jets3t\jars\jets3t-0.9.3.jar;C:\Users\Shreya\.ivy2\cache\net.razorvine\pyrolite\jars\pyrolite-4.13.jar;C:\Users\Shreya\.ivy2\cache\net.sf.py4j\py4j\jars\py4j-0.10.4.jar;C:\Users\Shreya\.ivy2\cache\org.apache.commons\commons-crypto\jars\commons-crypto-1.0.0.jar;C:\Users\Shreya\.ivy2\cache\org.apache.commons\commons-lang3\jars\commons-lang3-3.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.curator\curator-client\bundles\curator-client-2.6.0.jar;C:\Users\Shreya\.ivy2\cache\org.apache.curator\curator-framework\bundles\curator-framework-2.6.0.jar;C:\Users\Shreya\.ivy2\cache\org.apache.curator\curator-recipes\bundles\curator-recipes-2.6.0.jar;C:\Users\Shreya\.ivy2\cache\org.apache.directory.api\api-asn1-api\bundles\api-asn1-api-1.0.0-M20.jar;C:\Users\Shreya\.ivy2\cache\org.apache.directory.api\api-util\bundles\api-util-1.0.0-M20.jar;C:\Users\Shreya\.ivy2\cache\org.apache.directory.server\apacheds-i18n\bundles\apacheds-i18n-2.0.0-M15.jar;C:\Users\Shreya\.ivy2\cache\org.apache.directory.server\apacheds-kerberos-codec\bundles\apacheds-kerberos-codec-2.0.0-M15.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-annotations\jars\hadoop-annotations-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-auth\jars\hadoop-auth-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-client\jars\hadoop-client-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-common\jars\hadoop-common-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-hdfs\jars\hadoop-hdfs-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-mapreduce-client-app\
```

```
1 jars\hadoop-mapreduce-client-app-2.6.5.jar;C:\Users\Shreya
  .ivy2\cache\org.apache.hadoop\hadoop-mapreduce-client-
  common\jars\hadoop-mapreduce-client-common-2.6.5.jar;C:\
  Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-
  mapreduce-client-core\jars\hadoop-mapreduce-client-core-2.
  6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\
  hadoop-mapreduce-client-jobclient\jars\hadoop-mapreduce-
  client-jobclient-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org
  .apache.hadoop\hadoop-mapreduce-client-shuffle\jars\hadoop
  -mapreduce-client-shuffle-2.6.5.jar;C:\Users\Shreya\.ivy2\
  cache\org.apache.hadoop\hadoop-yarn-api\jars\hadoop-yarn-
  api-2.6.5.jar;C:\Users\Shreya\.ivy2\cache\org.apache.
  hadoop\hadoop-yarn-client\jars\hadoop-yarn-client-2.6.5.
  jar;C:\Users\Shreya\.ivy2\cache\org.apache.hadoop\hadoop-
  yarn-common\jars\hadoop-yarn-common-2.6.5.jar;C:\Users\
  Shreya\.ivy2\cache\org.apache.hadoop\hadoop-yarn-server-
  common\jars\hadoop-yarn-server-common-2.6.5.jar;C:\Users\
  Shreya\.ivy2\cache\org.apache.httpcomponents\httpclient\
  jars\httpclient-4.3.6.jar;C:\Users\Shreya\.ivy2\cache\org.
  apache.httpcomponents\httpcore\jars\httpcore-4.3.3.jar;C:\
  Users\Shreya\.ivy2\cache\org.apache.parquet\parquet-column
  \jars\parquet-column-1.8.2.jar;C:\Users\Shreya\.ivy2\cache
  \org.apache.parquet\parquet-common\jars\parquet-common-1.8
  .2.jar;C:\Users\Shreya\.ivy2\cache\org.apache.parquet\
  parquet-encoding\jars\parquet-encoding-1.8.2.jar;C:\Users\
  Shreya\.ivy2\cache\org.apache.parquet\parquet-format\jars\
  parquet-format-2.3.1.jar;C:\Users\Shreya\.ivy2\cache\org.
  apache.parquet\parquet-hadoop\jars\parquet-hadoop-1.8.2.
  jar;C:\Users\Shreya\.ivy2\cache\org.apache.parquet\parquet-
  jackson\jars\parquet-jackson-1.8.2.jar;C:\Users\Shreya\.
  ivy2\cache\org.apache.spark\spark-catalyst_2.11\jars\spark
  -catalyst_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.
  apache.spark\spark-core_2.11\jars\spark-core_2.11-2.2.1.
  jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-
  graphx_2.11\jars\spark-graphx_2.11-2.2.1.jar;C:\Users\
  Shreya\.ivy2\cache\org.apache.spark\spark-launcher_2.11\
  jars\spark-launcher_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\
  cache\org.apache.spark\spark-mllib-local_2.11\jars\spark-
  mllib-local_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org
  .apache.spark\spark-mllib_2.11\jars\spark-mllib_2.11-2.2.1
  .jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-
  network-common_2.11\jars\spark-network-common_2.11-2.2.1.
  jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-
  network-shuffle_2.11\jars\spark-network-shuffle_2.11-2.2.1
  .jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-
```

```
1 sketch_2.11\jars\spark-sketch_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-sql_2.11\jars\spark-sql_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-streaming_2.11\jars\spark-streaming_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-tags_2.11\jars\spark-tags_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.spark\spark-unsafe_2.11\jars\spark-unsafe_2.11-2.2.1.jar;C:\Users\Shreya\.ivy2\cache\org.apache.zookeeper\zookeeper\jars\zookeeper-3.4.6.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.jackson\jackson-jaxrs\jars\jackson-jaxrs-1.9.13.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.jackson\jackson-xc\jars\jackson-xc-1.9.13.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.janino\commons-compiler\jars\commons-compiler-3.0.0.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.janino\janino\jars\janino-3.0.0.jar;C:\Users\Shreya\.ivy2\cache\org.codehaus.jettison\jettison\bundles\jettison-1.1.jar;C:\Users\Shreya\.ivy2\cache\org.htrace\htrace-core\jars\htrace-core-3.0.4.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang.modules\scala-xml_2.11\bundles\scala-xml_2.11-1.0.1.jar;C:\Users\Shreya\.ivy2\cache\org.scalanlp\breeze-macros_2.11\jars\breeze-macros_2.11-0.13.2.jar;C:\Users\Shreya\.ivy2\cache\org.scalanlp\breeze_2.11\jars\breeze_2.11-0.13.2.jar;C:\Users\Shreya\.ivy2\cache\org.spire-math\spire-macros_2.11\jars\spire-macros_2.11-0.13.0.jar;C:\Users\Shreya\.ivy2\cache\org.spire-math\spire_2.11\jars\spire_2.11-0.13.0.jar;C:\Users\Shreya\.ivy2\cache\org.typelevel\machinist_2.11\jars\machinist_2.11-0.6.1.jar;C:\Users\Shreya\.ivy2\cache\org.typelevel\macro-compat_2.11\jars\macro-compat_2.11-1.1.1.jar;C:\Users\Shreya\.ivy2\cache\xerces\xercesImpl\jars\xercesImpl-2.9.1.jar;C:\Users\Shreya\.ivy2\cache\xml-apis\xml-apis\jars\xml-apis-1.3.04.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-library\jars\scala-library-2.11.8.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-library\srcs\scala-library-2.11.8-sources.jar;C:\Users\Shreya\.ivy2\cache\org.scala-lang\scala-reflect\srcs\scala-reflect-2.11.8-sources.jar" WebServer
2 Server online at http://127.0.0.1:8080/
3 Press RETURN to stop...
4 Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
5 18/02/16 12:45:12 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-
```

File - unknown

```
5 java classes where applicable
6 18/02/16 12:45:17 INFO FileInputFormat: Total input paths
   to process : 1
7 18/02/16 12:45:26 INFO InternalParquetRecordReader:
   RecordReader initialized will read a total of 100 records.
8 18/02/16 12:45:26 INFO InternalParquetRecordReader:
   RecordReader initialized will read a total of 100 records.
9 18/02/16 12:45:26 INFO InternalParquetRecordReader:
   RecordReader initialized will read a total of 100 records.
10 18/02/16 12:45:26 INFO InternalParquetRecordReader:
   RecordReader initialized will read a total of 100 records.
11 18/02/16 12:45:26 INFO InternalParquetRecordReader: at row
   0. reading next block
12 18/02/16 12:45:26 INFO InternalParquetRecordReader: at row
   0. reading next block
13 18/02/16 12:45:26 INFO InternalParquetRecordReader: at row
   0. reading next block
14 18/02/16 12:45:26 INFO InternalParquetRecordReader: at row
   0. reading next block
15 18/02/16 12:45:26 INFO CodecPool: Got brand-new
   decompressor [.snappy]
16 18/02/16 12:45:26 INFO CodecPool: Got brand-new
   decompressor [.snappy]
17 18/02/16 12:45:26 INFO CodecPool: Got brand-new
   decompressor [.snappy]
18 18/02/16 12:45:26 INFO CodecPool: Got brand-new
   decompressor [.snappy]
19 [Stage 2
  :>
    (0 + 4) / 4]18/02/16 12:45:26 INFO
InternalParquetRecordReader: block read in memory in 72 ms
. row count = 100
20 18/02/16 12:45:26 INFO InternalParquetRecordReader: block
   read in memory in 80 ms. row count = 100
21 18/02/16 12:45:26 INFO InternalParquetRecordReader: block
   read in memory in 73 ms. row count = 100
22 18/02/16 12:45:26 INFO InternalParquetRecordReader: block
   read in memory in 78 ms. row count = 100
23 18/02/16 12:45:30 WARN SparkContext: Using an existing
   SparkContext; some configuration may not take effect.
24 18/02/16 12:45:30 INFO FileInputFormat: Total input paths
   to process : 1
25 18/02/16 12:45:31 INFO InternalParquetRecordReader:
   RecordReader initialized will read a total of 100 records.
26 18/02/16 12:45:31 INFO InternalParquetRecordReader: at row
```

File - unknown

```
26 0. reading next block
27 18/02/16 12:45:31 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records.
28 18/02/16 12:45:31 INFO InternalParquetRecordReader: at row
    0. reading next block
29 18/02/16 12:45:31 INFO InternalParquetRecordReader: block
    read in memory in 6 ms. row count = 100
30 18/02/16 12:45:31 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records.
31 18/02/16 12:45:31 INFO InternalParquetRecordReader: block
    read in memory in 12 ms. row count = 100
32 18/02/16 12:45:31 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records.
33 18/02/16 12:45:31 INFO InternalParquetRecordReader: at row
    0. reading next block
34 18/02/16 12:45:31 INFO InternalParquetRecordReader: block
    read in memory in 1 ms. row count = 100
35 18/02/16 12:45:31 INFO InternalParquetRecordReader: at row
    0. reading next block
36 18/02/16 12:45:31 INFO InternalParquetRecordReader: block
    read in memory in 2 ms. row count = 100
37 400 5
38 400 5
39 Histogram size : (400, 1)
40 Histogram : [ 0.001584786, 0.002113048, 0.003169572, 0.
    001584786, 0.004226096, 0.001584786, 0.003169572, 0.
    001056524, 5.28262E-4, 0.001584786, 0.006339144, 0.
    001056524, 0.00528262, 0.0, 0.0, 0.00792393, 0.002113048,
    5.28262E-4, 0.0, 0.0, 0.007395668, 0.00528262, 0.004226096
    , 0.002113048, 0.001056524, 0.00528262, 0.0, 0.002113048,
    0.00528262, 0.0, 0.004754358, 0.001056524, 0.003697834, 0.
    001056524, 0.001056524, 5.28262E-4, 0.003169572, 0.
    00264131, 0.001584786, 0.003169572, 0.003169572, 0.
    00264131, 0.001584786, 0.002113048, 0.0, 0.001584786, 0.0
    , 0.003169572, 0.003169572, 0.001056524, 0.001584786, 0.0
    , 0.001056524, 0.004754358, 0.003169572, 5.28262E-4, 0.
    003169572, 0.001056524, 0.001056524, 0.00264131, 0.
    008980454, 0.001584786, 0.003697834, 0.002113048, 0.
    002113048, 0.005810882, 0.003169572, 0.002113048, 0.
    001056524, 0.006339144, 0.003169572, 0.022187004, 0.
    003169572, 0.001056524, 0.004754358, 0.001056524, 0.
    00264131, 0.002113048, 0.00264131, 0.00264131, 0.004226096
    , 0.004226096, 0.0, 0.003697834, 0.002113048, 0.003169572
    , 0.0, 0.005810882, 0.00528262, 0.001584786, 0.001584786,
    0.00264131, 5.28262E-4, 0.003169572, 0.00528262, 0.0, 0.
```

40 004226096, 0.003697834, 0.001056524, 0.0, 5.28262E-4, 0.
009508716, 0.0, 0.00264131, 0.003697834, 0.003169572, 0.
002113048, 0.00264131, 5.28262E-4, 0.003169572, 5.28262E-4
, 0.003697834, 0.002113048, 0.001584786, 0.00264131, 0.
01056524, 0.003169572, 5.28262E-4, 0.004226096, 0.
004754358, 5.28262E-4, 0.002113048, 0.003169572, 0.0, 0.
004754358, 0.00264131, 0.004754358, 0.004226096, 0.
004226096, 5.28262E-4, 0.004226096, 0.001584786, 0.
004226096, 0.006339144, 0.001056524, 5.28262E-4, 0.
002113048, 0.006339144, 0.002113048, 0.001056524, 0.
004226096, 0.001584786, 0.001056524, 5.28262E-4, 0.
001584786, 0.001056524, 5.28262E-4, 0.001584786, 0.
00264131, 0.001056524, 0.003697834, 0.00264131, 5.28262E-4
, 0.001584786, 0.00264131, 0.003169572, 0.00264131, 0.
001584786, 0.0, 5.28262E-4, 0.005810882, 0.001056524, 0.
00264131, 0.001584786, 0.002113048, 0.001056524, 0.
001056524, 0.002113048, 5.28262E-4, 0.003169572, 0.
001584786, 0.008452192, 0.00264131, 0.001584786, 0.
00264131, 0.002113048, 0.002113048, 5.28262E-4, 0.
001056524, 0.001584786, 0.00264131, 0.003169572, 0.
001056524, 0.003169572, 0.003697834, 0.001056524, 0.
001584786, 0.001584786, 0.0, 0.001584786, 0.003697834, 0.
002113048, 5.28262E-4, 0.003169572, 0.003697834, 0.
004754358, 0.00264131, 0.001584786, 0.0, 0.001584786, 0.
00264131, 5.28262E-4, 0.004754358, 5.28262E-4, 0.001056524
, 0.001584786, 5.28262E-4, 0.003697834, 0.002113048, 5.
28262E-4, 0.001056524, 0.002113048, 0.00792393, 0.
003697834, 0.0, 5.28262E-4, 0.006339144, 0.00264131, 0.
004754358, 0.001056524, 0.001584786, 0.001056524, 0.
001584786, 0.003169572, 0.002113048, 0.001056524, 0.
002113048, 0.0, 5.28262E-4, 0.0, 0.003697834, 0.004754358
, 0.00528262, 0.003169572, 0.004754358, 0.003169572, 0.
001056524, 5.28262E-4, 0.003697834, 5.28262E-4, 0.
001584786, 0.0, 0.001056524, 0.00528262, 0.004754358, 0.0
, 0.001056524, 5.28262E-4, 0.00792393, 5.28262E-4, 0.
001584786, 0.0, 0.001056524, 0.004226096, 0.003169572, 5.
28262E-4, 0.00264131, 0.00528262, 0.00264131, 5.28262E-4,
0.003697834, 0.0, 0.006339144, 0.003169572, 0.002113048, 0
.00264131, 0.001584786, 0.003697834, 0.003697834, 0.
006339144, 5.28262E-4, 5.28262E-4, 0.001584786, 0.00264131
, 0.004226096, 0.002113048, 0.001584786, 0.001584786, 5.
28262E-4, 5.28262E-4, 0.004226096, 0.002113048, 0.
001584786, 0.00264131, 0.00528262, 0.003169572, 0.
002113048, 0.004226096, 0.00528262, 0.001056524, 0.
004754358, 0.001056524, 0.004754358, 0.003697834, 0.

File - unknown

```
40 00528262, 0.0, 0.001056524, 0.004226096, 0.001584786, 0.  
003697834, 0.001056524, 0.001584786, 0.008452192, 5.28262E  
-4, 0.00264131, 0.001584786, 0.001056524, 0.00264131, 0.0  
, 0.001056524, 0.00264131, 0.003169572, 5.28262E-4, 0.  
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004226096, 5.28262E-4, 0.002113048, 5.28262E-4, 0.  
003169572, 0.003697834, 0.002113048, 5.28262E-4, 0.  
001056524, 0.003697834, 0.001584786, 0.001056524, 0.  
001584786, 0.003169572, 5.28262E-4, 0.001056524, 0.  
001056524, 0.004226096, 0.0, 5.28262E-4, 0.001056524, 5.  
28262E-4, 0.001584786, 0.00528262, 0.001584786, 0.  
001584786, 0.001056524, 0.004226096, 0.005810882, 0.  
001056524, 0.003169572, 0.002113048, 0.004754358, 0.  
00792393, 0.0, 0.006339144, 0.001056524, 0.004754358, 0.  
001056524, 0.0, 0.002113048, 0.004754358, 0.001056524, 0.  
001056524, 0.0, 0.004226096, 0.003169572, 0.003169572, 0.  
001056524, 5.28262E-4, 0.00528262, 0.00264131, 0.004226096  
, 0.0, 0.002113048, 0.00264131, 0.00528262, 0.005810882, 0  
.001056524, 5.28262E-4, 0.00792393, 0.00264131, 0.  
002113048, 0.003169572, 0.007395668, 0.003697834, 0.  
004754358, 0.0, 0.003697834, 0.003697834, 0.001056524, 0.0  
, 0.002113048, 0.0, 0.003169572, 0.001584786, 0.001056524  
]  
41 -- Histogram size : 400  
42 0.0015847859904170036 0.0021130479872226715 0.  
0031695719808340073 0.0015847859904170036 0.  
004226095974445343 0.0015847859904170036 0.  
0031695719808340073 0.0010565239936113358 5.  
282619968056679E-4 0.0015847859904170036 0.  
0063391439616680145 0.0010565239936113358 0.  
005282619968056679 0.0 0.0 0.007923929952085018 0.  
0021130479872226715 5.282619968056679E-4 0.0 0.0 0.  
00739566795527935 0.005282619968056679 0.  
004226095974445343 0.0021130479872226715 0.  
0010565239936113358 0.005282619968056679 0.0 0.  
0021130479872226715 0.005282619968056679 0.0 0.  
004754357971251011 0.0010565239936113358 0.  
003697833977639675 0.0010565239936113358 0.  
0010565239936113358 5.282619968056679E-4 0.  
0031695719808340073 0.0026413099840283394 0.  
0015847859904170036 0.0031695719808340073 0.  
0031695719808340073 0.0026413099840283394 0.  
0015847859904170036 0.0021130479872226715 0.0 0.  
0015847859904170036 0.0 0.0031695719808340073 0.
```

42 0031695719808340073 0.0010565239936113358 0.
0015847859904170036 0.0 0.0010565239936113358 0.
004754357971251011 0.0031695719808340073 5.
282619968056679E-4 0.0031695719808340073 0.
0010565239936113358 0.0010565239936113358 0.
0026413099840283394 0.008980453945696354 0.
0015847859904170036 0.003697833977639675 0.
0021130479872226715 0.0021130479872226715 0.
005810881964862347 0.0031695719808340073 0.
0021130479872226715 0.0010565239936113358 0.
0063391439616680145 0.0031695719808340073 0.
02218700386583805 0.0031695719808340073 0.
0010565239936113358 0.004754357971251011 0.
0010565239936113358 0.0026413099840283394 0.
0021130479872226715 0.0026413099840283394 0.
0026413099840283394 0.004226095974445343 0.
004226095974445343 0.0 0.003697833977639675 0.
0021130479872226715 0.0031695719808340073 0.0 0.
005810881964862347 0.005282619968056679 0.
0015847859904170036 0.0015847859904170036 0.
0026413099840283394 5.282619968056679E-4 0.
0031695719808340073 0.005282619968056679 0.0 0.
004226095974445343 0.003697833977639675 0.
0010565239936113358 0.0 5.282619968056679E-4 0.
009508715942502022 0.0 0.0026413099840283394 0.
003697833977639675 0.0031695719808340073 0.
0021130479872226715 0.0026413099840283394 5.
282619968056679E-4 0.0031695719808340073 5.
282619968056679E-4 0.003697833977639675 0.
0021130479872226715 0.0015847859904170036 0.
0026413099840283394 0.010565239936113358 0.
0031695719808340073 5.282619968056679E-4 0.
004226095974445343 0.004754357971251011 5.282619968056679E
-4 0.0021130479872226715 0.0031695719808340073 0.0 0.
004754357971251011 0.0026413099840283394 0.
004754357971251011 0.004226095974445343 0.
004226095974445343 5.282619968056679E-4 0.
004226095974445343 0.0015847859904170036 0.
004226095974445343 0.0063391439616680145 0.
0010565239936113358 5.282619968056679E-4 0.
0021130479872226715 0.0063391439616680145 0.
0021130479872226715 0.0010565239936113358 0.
004226095974445343 0.0015847859904170036 0.
0010565239936113358 5.282619968056679E-4 0.
0015847859904170036 0.0010565239936113358 5.

42 282619968056679E-4 0.0015847859904170036 0.
0026413099840283394 0.0010565239936113358 0.
003697833977639675 0.0026413099840283394 5.
282619968056679E-4 0.0015847859904170036 0.
0026413099840283394 0.0031695719808340073 0.
0026413099840283394 0.0015847859904170036 0.0 5.
282619968056679E-4 0.005810881964862347 0.
0010565239936113358 0.0026413099840283394 0.
0015847859904170036 0.0021130479872226715 0.
0010565239936113358 0.0010565239936113358 0.
0021130479872226715 5.282619968056679E-4 0.
0031695719808340073 0.0015847859904170036 0.
008452191948890686 0.0026413099840283394 0.
0015847859904170036 0.0026413099840283394 0.
0021130479872226715 0.0021130479872226715 5.
282619968056679E-4 0.0010565239936113358 0.
0015847859904170036 0.0026413099840283394 0.
0031695719808340073 0.0010565239936113358 0.
0031695719808340073 0.003697833977639675 0.
0010565239936113358 0.0015847859904170036 0.
0015847859904170036 0.0 0.0015847859904170036 0.
003697833977639675 0.0021130479872226715 5.
282619968056679E-4 0.0031695719808340073 0.
003697833977639675 0.004754357971251011 0.
0026413099840283394 0.0015847859904170036 0.0 0.
0015847859904170036 0.0026413099840283394 5.
282619968056679E-4 0.004754357971251011 5.282619968056679E
-4 0.0010565239936113358 0.0015847859904170036 5.
282619968056679E-4 0.003697833977639675 0.
0021130479872226715 5.282619968056679E-4 0.
0010565239936113358 0.0021130479872226715 0.
007923929952085018 0.003697833977639675 0.0 5.
282619968056679E-4 0.0063391439616680145 0.
0026413099840283394 0.004754357971251011 0.
0010565239936113358 0.0015847859904170036 0.
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282619968056679E-4 0.0021130479872226715 5.
282619968056679E-4 0.0031695719808340073 0.
003697833977639675 0.0021130479872226715 5.
282619968056679E-4 0.0010565239936113358 0.
003697833977639675 0.0015847859904170036 0.
0010565239936113358 0.0015847859904170036 0.
0031695719808340073 5.282619968056679E-4 0.

File - unknown

46 0010565239936113358 0.0010565239936113358 0.
004226095974445343 0.0 5.282619968056679E-4 0.
0010565239936113358 5.282619968056679E-4 0.
0015847859904170036 0.005282619968056679 0.
0015847859904170036 0.0015847859904170036 0.
0010565239936113358 0.004226095974445343 0.
005810881964862347 0.0010565239936113358 0.
0031695719808340073 0.0021130479872226715 0.
004754357971251011 0.007923929952085018 0.0 0.
0063391439616680145 0.0010565239936113358 0.
004754357971251011 0.0010565239936113358 0.0 0.
0021130479872226715 0.004754357971251011 0.
0010565239936113358 0.0010565239936113358 0.0 0.
004226095974445343 0.0031695719808340073 0.
0031695719808340073 0.0010565239936113358 5.
282619968056679E-4 0.005282619968056679 0.
0026413099840283394 0.004226095974445343 0.0 0.
0021130479872226715 0.0026413099840283394 0.
005282619968056679 0.005810881964862347 0.
0010565239936113358 5.282619968056679E-4 0.
007923929952085018 0.0026413099840283394 0.
0021130479872226715 0.0031695719808340073 0.
00739566795527935 0.003697833977639675 0.
004754357971251011 0.0 0.003697833977639675 0.
003697833977639675 0.0010565239936113358 0.0 0.
0021130479872226715 0.0 0.0031695719808340073 0.
0015847859904170036 0.0010565239936113358
47 18/02/16 12:45:32 INFO FileInputFormat: Total input paths
to process : 1
48 18/02/16 12:45:33 INFO FileInputFormat: Total input paths
to process : 1
49 18/02/16 12:45:34 WARN SparkContext: Using an existing
SparkContext; some configuration may not take effect.
50 18/02/16 12:45:35 INFO FileInputFormat: Total input paths
to process : 1
51 18/02/16 12:45:35 INFO InternalParquetRecordReader:
RecordReader initialized will read a total of 23 records.
52 18/02/16 12:45:35 INFO InternalParquetRecordReader:
RecordReader initialized will read a total of 44 records.
53 18/02/16 12:45:35 INFO InternalParquetRecordReader: at row
0. reading next block
54 18/02/16 12:45:35 INFO InternalParquetRecordReader: at row
0. reading next block
55 18/02/16 12:45:35 INFO InternalParquetRecordReader:
RecordReader initialized will read a total of 17 records.

File - unknown

```
56 18/02/16 12:45:35 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 13 records.  
57 18/02/16 12:45:35 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
58 18/02/16 12:45:35 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
59 18/02/16 12:45:35 INFO InternalParquetRecordReader: block  
    read in memory in 5 ms. row count = 44  
60 18/02/16 12:45:35 INFO InternalParquetRecordReader: block  
    read in memory in 2 ms. row count = 13  
61 18/02/16 12:45:35 INFO InternalParquetRecordReader: block  
    read in memory in 2 ms. row count = 17  
62 18/02/16 12:45:35 INFO InternalParquetRecordReader: block  
    read in memory in 6 ms. row count = 23  
63 18/02/16 12:45:36 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 44 records.  
64 18/02/16 12:45:36 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 23 records.  
65 18/02/16 12:45:36 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
66 18/02/16 12:45:36 INFO InternalParquetRecordReader: block  
    read in memory in 1 ms. row count = 23  
67 18/02/16 12:45:36 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 13 records.  
68 18/02/16 12:45:36 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
69 18/02/16 12:45:36 INFO InternalParquetRecordReader: block  
    read in memory in 1 ms. row count = 13  
70 18/02/16 12:45:36 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 17 records.  
71 18/02/16 12:45:36 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
72 18/02/16 12:45:36 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
73 [Stage 13  
  :>  
    (0 + 4) / 4]18/02/16 12:45:36 INFO  
InternalParquetRecordReader: block read in memory in 1 ms  
. row count = 44  
74 18/02/16 12:45:36 INFO InternalParquetRecordReader: block  
    read in memory in 67 ms. row count = 17  
75 Test image predicted as : chicken_curryTest image  
predicted as : chicken_curry18/02/16 12:45:37 INFO  
InternalParquetRecordReader: RecordReader initialized  
will read a total of 100 records.
```

File - unknown

```
76 18/02/16 12:45:37 INFO InternalParquetRecordReader: at
    row 0. reading next block
77 18/02/16 12:45:37 INFO InternalParquetRecordReader: block
    read in memory in 0 ms. row count = 100
78 18/02/16 12:45:37 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records
    .
79 18/02/16 12:45:37 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records
    .
80 18/02/16 12:45:37 INFO InternalParquetRecordReader: at
    row 0. reading next block
81 18/02/16 12:45:37 INFO InternalParquetRecordReader: at
    row 0. reading next block
82 18/02/16 12:45:37 INFO InternalParquetRecordReader:
    RecordReader initialized will read a total of 100 records
    .
83 18/02/16 12:45:37 INFO InternalParquetRecordReader: at
    row 0. reading next block
84 18/02/16 12:45:37 INFO InternalParquetRecordReader: block
    read in memory in 2 ms. row count = 100
85 18/02/16 12:45:37 INFO InternalParquetRecordReader: block
    read in memory in 176 ms. row count = 100
86 18/02/16 12:45:37 INFO InternalParquetRecordReader: block
    read in memory in 2 ms. row count = 100
87 400 5
88 Histogram size : (400, 1)
89 Histogram : [ 0.001584786, 0.002113048, 0.003169572, 0.
    001584786, 0.004226096, 0.001584786, 0.003169572, 0.
    001056524, 5.28262E-4, 0.001584786, 0.006339144, 0.
    001056524, 0.00528262, 0.0, 0.0, 0.00792393, 0.002113048
    , 5.28262E-4, 0.0, 0.0, 0.007395668, 0.00528262, 0.
    004226096, 0.002113048, 0.001056524, 0.00528262, 0.0, 0.
    002113048, 0.00528262, 0.0, 0.004754358, 0.001056524, 0.
    003697834, 0.001056524, 0.001056524, 5.28262E-4, 0.
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    003169572, 0.00264131, 0.001584786, 0.002113048, 0.0, 0.
    001584786, 0.0, 0.003169572, 0.003169572, 0.001056524, 0.
    001584786, 0.0, 0.001056524, 0.004754358, 0.003169572, 5.
    28262E-4, 0.003169572, 0.001056524, 0.001056524, 0.
    00264131, 0.008980454, 0.001584786, 0.003697834, 0.
    002113048, 0.002113048, 0.005810882, 0.003169572, 0.
    002113048, 0.001056524, 0.006339144, 0.003169572, 0.
    022187004, 0.003169572, 0.001056524, 0.004754358, 0.
    001056524, 0.00264131, 0.002113048, 0.00264131, 0.
```

89 00264131, 0.004226096, 0.004226096, 0.0, 0.003697834, 0.
002113048, 0.003169572, 0.0, 0.005810882, 0.00528262, 0.
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, 0.003697834, 0.003169572, 0.002113048, 0.00264131, 5.
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-4, 0.002113048, 0.003169572, 0.0, 0.004754358, 0.
00264131, 0.004754358, 0.004226096, 0.004226096, 5.28262E
-4, 0.004226096, 0.001584786, 0.004226096, 0.006339144, 0
.001056524, 5.28262E-4, 0.002113048, 0.006339144, 0.
002113048, 0.001056524, 0.004226096, 0.001584786, 0.
001056524, 5.28262E-4, 0.001584786, 0.001056524, 5.28262E
-4, 0.001584786, 0.00264131, 0.001056524, 0.003697834, 0.
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002113048, 0.001056524, 0.001056524, 0.002113048, 5.
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File - unknown

89 28262E-4, 5.28262E-4, 0.004226096, 0.002113048, 0.
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004754358, 0.001056524, 0.004754358, 0.003697834, 0.
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00264131, 0.0, 0.001056524, 0.00264131, 0.003169572, 5.
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28262E-4, 0.001584786, 0.00528262, 0.001584786, 0.
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001584786, 0.001056524]
90 -- Histogram size : 400
91 0.0015847859904170036 0.0021130479872226715 0.
0031695719808340073 0.0015847859904170036 0.
004226095974445343 0.0015847859904170036 0.
0031695719808340073 0.0010565239936113358 5.
282619968056679E-4 0.0015847859904170036 0.
0063391439616680145 0.0010565239936113358 0.
005282619968056679 0.0 0.0 0.007923929952085018 0.
0021130479872226715 5.282619968056679E-4 0.0 0.0 0.
00739566795527935 0.005282619968056679 0.
004226095974445343 0.0021130479872226715 0.
0010565239936113358 0.005282619968056679 0.0 0.
0021130479872226715 0.005282619968056679 0.0 0.
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003697833977639675 0.0010565239936113358 0.
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0031695719808340073 0.0026413099840283394 0.

91 0015847859904170036 0.0031695719808340073 0.
0031695719808340073 0.0026413099840283394 0.
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0031695719808340073 0.0010565239936113358 0.
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004754357971251011 0.0031695719808340073 5.
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282619968056679E-4 0.003697833977639675 0.
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282619968056679E-4 0.0021130479872226715 0.
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91 0063391439616680145 0.0021130479872226715 0.
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282619968056679E-4 0.0015847859904170036 0.
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0031695719808340073 0.0026413099840283394 0.
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0021130479872226715 0.0010565239936113358 0.
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282619968056679E-4 0.0031695719808340073 0.
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0026413099840283394 0.0015847859904170036 0.
0026413099840283394 0.0021130479872226715 0.
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0010565239936113358 0.0015847859904170036 0.
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004226095974445343 0.005282619968056679 0.
0010565239936113358 0.004754357971251011 0.
0010565239936113358 0.004754357971251011 0.
003697833977639675 0.005282619968056679 0.0 0.
0010565239936113358 0.004226095974445343 0.
0015847859904170036 0.003697833977639675 0.
0010565239936113358 0.0015847859904170036 0.
008452191948890686 5.282619968056679E-4 0.
0026413099840283394 0.0015847859904170036 0.
0010565239936113358 0.0026413099840283394 0.0 0.
0010565239936113358 0.0026413099840283394 0.
0031695719808340073 5.282619968056679E-4 0.
0010565239936113358 0.0026413099840283394 0.
0015847859904170036 0.0 0.0010565239936113358 0.
006867405958473682 0.0 0.005282619968056679 5.
282619968056679E-4 0.0031695719808340073 0.
004226095974445343 5.282619968056679E-4 0.
0021130479872226715 5.282619968056679E-4 0.
0031695719808340073 0.003697833977639675 0.
0021130479872226715 5.282619968056679E-4 0.

File - unknown

91 0010565239936113358 0.003697833977639675 0.
0015847859904170036 0.0010565239936113358 0.
0015847859904170036 0.0031695719808340073 5.
282619968056679E-4 0.0010565239936113358 0.
0010565239936113358 0.004226095974445343 0.0 5.
282619968056679E-4 0.0010565239936113358 5.
282619968056679E-4 0.0015847859904170036 0.
005282619968056679 0.0015847859904170036 0.
0015847859904170036 0.0010565239936113358 0.
004226095974445343 0.005810881964862347 0.
0010565239936113358 0.0031695719808340073 0.
0021130479872226715 0.004754357971251011 0.
007923929952085018 0.0 0.0063391439616680145 0.
0010565239936113358 0.004754357971251011 0.
0010565239936113358 0.0 0.0021130479872226715 0.
004754357971251011 0.0010565239936113358 0.
0010565239936113358 0.0 0.004226095974445343 0.
0031695719808340073 0.0031695719808340073 0.
0010565239936113358 5.282619968056679E-4 0.
005282619968056679 0.0026413099840283394 0.
004226095974445343 0.0 0.0021130479872226715 0.
0026413099840283394 0.005282619968056679 0.
005810881964862347 0.0010565239936113358 5.
282619968056679E-4 0.007923929952085018 0.
0026413099840283394 0.0021130479872226715 0.
0031695719808340073 0.00739566795527935 0.
003697833977639675 0.004754357971251011 0.0 0.
003697833977639675 0.003697833977639675 0.
0010565239936113358 0.0 0.0021130479872226715 0.0 0.
0031695719808340073 0.0015847859904170036 0.
0010565239936113358

92 18/02/16 12:45:39 INFO FileInputFormat: Total input paths to process : 1
93 18/02/16 12:45:41 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 44 records.
94 18/02/16 12:45:41 INFO InternalParquetRecordReader: at row 0. reading next block
95 18/02/16 12:45:41 INFO InternalParquetRecordReader: block read in memory in 7 ms. row count = 44
96 18/02/16 12:45:41 INFO InternalParquetRecordReader: RecordReader initialized will read a total of 13 records.
97 18/02/16 12:45:41 INFO InternalParquetRecordReader: at row 0. reading next block
98 18/02/16 12:45:41 INFO InternalParquetRecordReader: block read in memory in 8 ms. row count = 13

File - unknown

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99 18/02/16 12:45:41 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 17 records.  
100 18/02/16 12:45:41 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
101 18/02/16 12:45:41 INFO InternalParquetRecordReader: block  
    read in memory in 7 ms. row count = 17  
102 18/02/16 12:45:41 INFO InternalParquetRecordReader:  
    RecordReader initialized will read a total of 23 records.  
103 18/02/16 12:45:41 INFO InternalParquetRecordReader: at  
    row 0. reading next block  
104 18/02/16 12:45:41 INFO InternalParquetRecordReader: block  
    read in memory in 7 ms. row count = 23  
105 Test image predicted as : chicken_curry
```