```
import org.apache.spark.sql.SQLContext._
import org.apache.spark.sql._
import org.apache.spark.sql.SQLContext._
val flightData = sqlContext.read.json("/FileStore/tables/55rjz3sz1500302954550/flightData2015.json")
flightData: org.apache.spark.sql.DataFrame = [DEST_COUNTRY_NAME: string, ORIGIN_COUNTRY_NAME: string ... 1 more field]
flightData.printSchema
root
 |-- DEST_COUNTRY_NAME: string (nullable = true)
 |-- ORIGIN_COUNTRY_NAME: string (nullable = true)
 |-- count: long (nullable = true)
flightData.createOrReplaceTempView("FlightData2015")
%sql select * from FlightData2015
DEST_COUNTRY_NAME
                                                                              ORIGIN_COUNTRY_NAME
                                                                                                                                                      count
United States
                                                                              Romania
                                                                                                                                                       15
United States
                                                                                                                                                      1
                                                                              Croatia
United States
                                                                              Ireland
                                                                                                                                                      344
                                                                              United States
                                                                                                                                                      15
Egypt
                                                                                                                                                      62
United States
                                                                              India
United States
                                                                              Singapore
                                                                                                                                                      1
                                                                                                                                                      62
United States
                                                                              Grenada
                                                                              United States
                                                                                                                                                      588
Costa Rica
                                                                              United States
                                                                                                                                                      40
Canagal
 Ł
 val sqlWay = spark.sql("""
SELECT DEST_COUNTRY_NAME, count(1)
FROM FlightData2015
GROUP BY DEST_COUNTRY_NAME
""")
sqlWay: org.apache.spark.sql.DataFrame = [DEST_COUNTRY_NAME: string, count(1): bigint]
sqlWay.show
   DEST_COUNTRY_NAME | count(1) |
             Anguilla|
                             1
               Russia
                             1
                             1
             Paraguay |
              Senegal
                             1
                             1
               Sweden
             Kiribati|
                             1
               Guyana|
                             1
          Philippines |
                             1
             Djibouti|
                             1
             Malaysia|
                             1
            Singapore |
                             1
                 Fiji|
                             1
                             1
               Turkey
                 Iraq
                             1
              Germany|
                             1
               Jordan|
                             1
                Palau|
                             1
Turks and Caicos ...
                             1
sqlWay.explain
== Physical Plan ==
*HashAggregate(keys=[DEST_COUNTRY_NAME#189], functions=[count(1)])
+- Exchange hashpartitioning(DEST_COUNTRY_NAME#189, 200)
  +- *HashAggregate(keys=[DEST_COUNTRY_NAME#189], functions=[partial_count(1)])
     +- *FileScan json [DEST_COUNTRY_NAME#189] Batched: false, Format: JSON, Location: InMemoryFileIndex[dbfs:/FileStore/tables/55rjz3sz1500302954550/flightData2015.j
son], PartitionFilters: [], PushedFilters: [], ReadSchema: struct<DEST_COUNTRY_NAME:string>
%sql select * from FlightData2015
```

ORIGIN_COUNTRY_NAME

count

import org.apache.spark.sql._

DEST_COUNTRY_NAME

Officer States	Tomana	15
United States	Croatia	1
United States	Ireland	344
Egypt	United States	15
United States	India	62
United States	Singapore	1
United States	Grenada	62
Costa Rica	United States	588
Conocal	United States	40
*		

val FlightDataDest = sql("select DEST_COUNTRY_NAME from FlightData2015 ")

FlightDataDest: org.apache.spark.sql.DataFrame = [DEST_COUNTRY_NAME: string]

lightDataDest.show			
+	<u> </u>		
DEST_COUNTRY_NAME			
United States	-		
United States			
United States			
Egypt			
United States			
United States			
United States			
Costa Rica			
Senegal			
Moldova			
United States			
United States			
Guyana			
Malta			
Anguilla			
Bolivia			
United States			
Algeria			