

```
%spark
import org.apache.spark.sql.functions._
import org.joda.time.format.DateTimeFormat
```

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```
import org.apache.spark.sql.functions._
import org.joda.time.format.DateTimeFormat
```



Took 27 sec. Last updated by anonymous at January 29 2017, 2:29:59 PM.

```
val inputPath = "/Users/jyothi/Documents/College/3rdsemester/Capstone/Culture/cultural_events_aarhus.csv"
val cultureData = sqlContext.read
  .format("com.databricks.spark.csv")
  .option("header", "true") // Use first line of all files as header
  .option("delimiter", ",")
  .option("inferSchema", "true") // Automatically infer data types
  .load(inputPath)
```

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```
inputPath: String = /Users/jyothi/Documents/College/3rdsemester/Capstone/Culture/cultural_events_aarhus.csv
cultureData: org.apache.spark.sql.DataFrame = [Status: int, City: string ... 17 more fields]
```

Took 16 sec. Last updated by anonymous at January 29 2017, 2:30:35 PM.

```
cultureData.printSchema
```

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```
-- City: string (nullable = true)
-- Title: string (nullable = true)
-- Website_Url: string (nullable = true)
-- Price_Range: string (nullable = true)
-- number: integer (nullable = true)
-- Zip: integer (nullable = true)
-- Latitude: double (nullable = true)
-- TicketNumber: integer (nullable = true)
-- Html_Content: string (nullable = true)
-- Address-1: string (nullable = true)
-- Hall-Node Name: string (nullable = true)
-- Date: string (nullable = true)
-- Longitude: string (nullable = true)
-- Calender: string (nullable = true)
-- Id: string (nullable = true)
-- Type Of Event: string (nullable = true)
-- Image_Url: string (nullable = true)
-- Subevent: string (nullable = true)
```



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```
val culture_5rows = cultureData.take(5)
print(culture_5rows)
```

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Took 3 sec. Last updated by anonymous at January 29 2017, 2:30:52 PM.

Took 1 sec. Last updated by anonymous at January 29 2017, 2:30:56 PM.

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Rimmer og M?rk redder verden

Mikkel Rønnow & Anna Vaupel

Took 2 sec. Last updated by anonymous at January 29 2017, 2:31:56 PM.

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