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

FINISHED

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

Took 2 sec. Last updated by anonymous at January 29 2017, 2:48:31 PM.

```
// Load data - adjust the path to the location of your data
val inputPath =  "C:/Users/apandey/Documents/Saint Peters/Capstone/Final/cultural_events_aarhus.csv"
val Cultural = sqlContext.read
  .format("...")
  .option("header", "true") // Use first line of all files as header
  .option("delimiter", ",")
  .option("inferSchema", "true") // Automatically infer data types
  .load(inputPath)
```

FINISHED

```
inputPath: String = C:/Users/apandey/Documents/Saint Peters/Capstone/Final/cultural_events_aarhus.csv
Cultural: org.apache.spark.sql.DataFrame = [Yes-No: int, Postal Code: string ... 17 more fields]
```

Took 3 sec. Last updated by anonymous at January 29 2017, 2:50:34 PM.

```
// Load Cultural file to look at the different variables in the file
Cultural.printSchema()
```

FINISHED

```
root
 |-- Yes-No: integer (nullable = true)
 |-- Postal Code: string (nullable = true)
 |-- Type of Concern: string (nullable = true)
 |-- Pricing/Shopping Cart: string (nullable = true)
 |-- Price: string (nullable = true)
 |-- _c5: integer (nullable = true)
 |-- _c6: integer (nullable = true)
 |-- _c7: double (nullable = true)
 |-- _c8: integer (nullable = true)
 |-- _c9: string (nullable = true)
 |-- _c10: string (nullable = true)
 |-- _c11: string (nullable = true)
 |-- _c12: string (nullable = true)
 |-- _c13: string (nullable = true)
 |-- _c14: string (nullable = true)
 |-- _c15: string (nullable = true)
 |-- _c16: string (nullable = true)
```

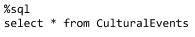Took 1 sec. Last updated by anonymous at January 29 2017, 2:52:15 PM. (outdated)

```
//Create a table for the data set
Cultural.registerTempTable("CulturalEvents")
```

FINISHED

```
warning: there was one deprecation warning; re-run with -deprecation for details
```

Took 1 sec. Last updated by anonymous at January 29 2017, 3:22:17 PM.

FINISHED ▷ ⌯ 📖 ⚙

```
%sql
select * from CulturalEvents
```

Yes-No	Postal Code	Type of Concern	Pricing/Shopping Cart
1	Aarhus C	KAMMERKONCERT	http://www.billetlugen.dk/referer/?r=2
1	Aarhus C	KAMMERKONCERT	http://www.billetlugen.dk/referer/?r=2
4	Aarhus C	Historien om Johnny Cash	http://www.billetlugen.dk/referer/?r=2

Zeppelin

Cultural_AP   ▷ ⌯ 📖 ✐ 📑 ⬇ ⟨⟩   🗑   ⌚   ⌨ ⚙ 🔒   default ▾

Took 1 sec. Last updated by anonymous at January 29 2017, 3:22:50 PM.

READY ▷ ⌯ 📖 ⚙