

# sparksessionpractice

```
%pyspark
# Numero de casos positivos a nivel mundial
```

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Took 0 sec. Last updated by anonymous at May 16 2020, 8:57:01 PM.

```
%pyspark
from pyspark.sql import SparkSession
```

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Took 0 sec. Last updated by anonymous at May 16 2020, 8:57:07 PM.

```
%pyspark
spark = SparkSession.builder.appName('Basics').getOrCreate()
```

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Took 0 sec. Last updated by anonymous at May 16 2020, 8:57:10 PM.

```
%pyspark

SensorDataRDD = sc.textFile('s3://aws-logs-061895363576-us-east-1/mundial/time_series_covid19_co
SensorDataCount = SensorDataRDD.count()
SensorDataCount
```

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Took 7 sec. Last updated by anonymous at May 16 2020, 8:57:21 PM.

```
%pyspark
df = spark.read.csv('s3://aws-logs-061895363576-us-east-1/mundial/time_series_covid19_confirmed_
```

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Took 0 sec. Last updated by anonymous at May 16 2020, 8:57:36 PM.

```
%pyspark
df.columns
```

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```
['Province/State', 'Country/Region', 'Lat', 'Long', '1/22/20', '1/23/20', '1/24/20', '1/25/20', '1/
26/20', '1/27/20', '1/28/20', '1/29/20', '1/30/20', '1/31/20', '2/1/20', '2/2/20', '2/3/20', '2/4/2
0', '2/5/20', '2/6/20', '2/7/20', '2/8/20', '2/9/20', '2/10/20', '2/11/20', '2/12/20', '2/13/20',
'2/14/20', '2/15/20', '2/16/20', '2/17/20', '2/18/20', '2/19/20', '2/20/20', '2/21/20', '2/22/20',
'2/23/20', '2/24/20', '2/25/20', '2/26/20', '2/27/20', '2/28/20', '2/29/20', '3/1/20', '3/2/20',
'3/3/20', '3/4/20', '3/5/20', '3/6/20', '3/7/20', '3/8/20', '3/9/20', '3/10/20', '3/11/20', '3/12/2
0', '3/13/20', '3/14/20', '3/15/20', '3/16/20', '3/17/20', '3/18/20', '3/19/20', '3/20/20', '3/21/2
0', '3/22/20', '3/23/20', '3/24/20', '3/25/20', '3/26/20', '3/27/20', '3/28/20', '3/29/20', '3/30/2
0', '3/31/20', '4/1/20', '4/2/20', '4/3/20', '4/4/20', '4/5/20', '4/6/20', '4/7/20', '4/8/20', '4/
9/20', '4/10/20', '4/11/20', '4/12/20', '4/13/20', '4/14/20', '4/15/20', '4/16/20', '4/17/20', '4/1
8/20', '4/19/20', '4/20/20', '4/21/20', '4/22/20', '4/23/20', '4/24/20', '4/25/20', '4/26/20', '4/2
7/20', '4/28/20', '4/29/20', '4/30/20', '5/1/20', '5/2/20', '5/3/20', '5/4/20', '5/5/20', '5/6/20',
'5/7/20', '5/8/20', '5/9/20', '5/10/20', '5/11/20', '5/12/20', '5/13/20', '5/14/20', '5/15/20']
```

Took 0 sec. Last updated by anonymous at May 16 2020, 8:57:39 PM.

```
%pyspark
df.printSchema()
```

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```
2/3/20: String (nullable = true)
sparksessionpractice
```

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A 12x12 grid of dashed lines. At each of the 144 intersections, there is a small plus sign (+). The grid is composed of 13 vertical dashed lines and 13 horizontal dashed lines, creating a uniform pattern of squares.

summary	Province/State	Country/Region	Lat	Long	1/22/20
7/23/20	1/24/20	1/25/20	1/26/20	1/27/20	1/28/20
8/28/20	1/29/20	1/30/20	1/31/20	2/1/20	2/2/20

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Province/State Country/Region		Lat	Long	1/22/20	1/23/20	1/24/20	1/25/20	1/26/20	1/27/20	1/28/20	1/29/20	1/30/20	1/31/20	2/1/20	2/2/20	2/3/20	2/4/20	2/5/20	2/6/20	2/7/20	2/8/20	2/9/20	2/10/20	2/11/20	2/12/20	2/13/20	2/14/20	2/15/20	2/16/20	2/17/20	2/18/20	2/19/20	2/20/20	2/21/20	2/22/20	2/23/20	2/24/20	2/25/20	2/26/20	2/27/20	2/28/20	2/29/20	3/1/20	3/2/20	3/3/20	3/4/20	3/5/20	3/6/20	3/7/20	3/8/20	3/9/20	3/10/20	3/11/20	3/12/20	3/13/20	3/14/20	3/15/20	3/16/20	3/17/20	3/18/20	3/19/20	3/20/20	3/21/20	3/22/20	3/23/20	3/24/20	3/25/20	3/26/20	3/27/20	3/28/20	3/29/20	3/30/20	3/31/20	4/1/20	4/2/20	4/3/20	4/4/20	4/5/20	4/6/20	4/7/20	4/8/20	4/9/20	4/10/20	4/11/20	4/12/20	4/13/20	4/14/20	4/15/20	4/16/20	4/17/20	4/18/20	4/19/20	4/20/20	4/21/20	4/22/20	4/23/20	4/24/20	4/25/20	4/26/20	4/27/20	4/28/20	4/29/20	4/30/20	5/1/20	5/2/20	5/3/20	5/4/20	5/5/20	5/6/20	5/7/20	5/8/20	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20	6/20/20	6/21/20	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20	7/13/20	7/14/20	7/15/20	7/16/20	7/17/20	7/18/20	7/19/20	7/20/20	7/21/20	7/22/20	7/23/20	7/24/20	7/25/20	7/26/20	7/27/20	7/28/20	7/29/20	7/30/20	7/31/20	8/1/20	8/2/20	8/3/20	8/4/20	8/5/20	8/6/20	8/7/20	8/8/20	8/9/20	8/10/20	8/11/20	8/12/20	8/13/20	8/14/20	8/15/20	8/16/20	8/17/20	8/18/20	8/19/20	8/20/20	8/21/20	8/22/20	8/23/20	8/24/20	8/25/20	8/26/20	8/27/20	8/28/20	8/29/20	8/30/20	8/31/20	9/1/20	9/2/20	9/3/20	9/4/20	9/5/20	9/6/20	9/7/20	9/8/20	9/9/20	9/10/20	9/11/20	9/12/20	9/13/20	9/14/20	9/15/20	9/16/20	9/17/20	9/18/20	9/19/20	9/20/20	9/21/20	9/22/20	9/23/20	9/24/20	9/25/20	9/26/20	9/27/20	9/28/20	9/29/20	9/30/20	10/1/20	10/2/20	10/3/20	10/4/20	10/5/20	10/6/20	10/7/20	10/8/20	10/9/20	10/10/20	10/11/20	10/12/20	10/13/20	10/14/20	10/15/20	10/16/20	10/17/20	10/18/20	10/19/20	10/20/20	10/21/20	10/22/20	10/23/20	10/24/20	10/25/20	10/26/20	10/27/20	10/28/20	10/29/20	10/30/20	10/31/20	11/1/20	11/2/20	11/3/20	11/4/20	11/5/20	11/6/20	11/7/20	11/8/20	11/9/20	11/10/20	11/11/20	11/12/20	11/13/20	11/14/20	11/15/20	11/16/20	11/17/20	11/18/20	11/19/20	11/20/20	11/21/20	11/22/20	11/23/20	11/24/20	11/25/20	11/26/20	11/27/20	11/28/20	11/29/20	11/30/20	12/1/20
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|      avg(5/15/20) |
+-----+
|17076.492481203008|
+-----+
```

READY