

```
1 df = spark.read.csv("/FileStore/tables/test2-1.csv",header=True)
2 df.show()
```

- ▶ (2) Spark Jobs

```
df: pyspark.sql.dataframe.DataFrame = [Name: string, Departments: string ... 1 more field]
```

Name	Departments	Salary
chandu	Data Science	10000
chandu	IOT	5000
rohith	Big Data	4000
chandu	Big Data	4000
rohith	Data Science	3000
krishna	Data Science	3000
krishna	IOT	10000
krishna	Big Data	5000
rashmi	Data Science	10000
rashmi	Big Data	200

Command took 23.02 seconds -- by akashpeesapati@gmail.com at 2/13/2024, 10:20:33 AM on trail cluster

Cnd 2

Python

```
1 df.printSchema()
```

```
root
|-- Name: string (nullable = true)
|-- Departments: string (nullable = true)
|-- Salary: string (nullable = true)
```

Command took 0.12 seconds -- by akashpeesapati@gmail.com at 2/13/2024, 10:21:20 AM on trail cluster

```
|-- Name: string (nullable = true)
|-- Departments: string (nullable = true)
|-- Salary: string (nullable = true)
```

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End 3

```
1 df.select("Name").show()
```

Python

- ▶ (1) Spark Jobs

```
+-----+
|  Name |
+-----+
| chandu|
| chandu|
| rohith|
| chandhu|
| rohith|
| krishna|
| krishna|
| krishna|
| rashmi|
| rashmi|
+-----+
```

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databricks

akashpeesapati@gmail.com

Untitled Notebook 2024-02-13 10:19:21Python

FileEditViewRunHelpLast edit was 14 minutes agoNew cell UI: OFF

Run alltrail clusterSharePublish

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Cmd 4Python

```
1 df.createOrReplaceTempView("people")
2 sqlDF = spark.sql("SELECT * FROM people")
3 sqlDF.show()
```

(1) Spark Jobs

sqlDF: pyspark.sql.dataframe.DataFrame = [Name: string, Departments: string ... 1 more field]

Name	Departments	Salary
chandu	Data Science	10000
chandu	IOT	5000
nohith	Big Data	4000
chandhu	Big Data	4000
nohith	Data Science	3000
krishna	Data Science	3000
krishna	IOT	10000
krishna	Big Data	5000
nashmi	Data Science	10000
nashmi	Big Data	200

Command took 0.90 seconds -- by akashpeesapati@gmail.com at 2/13/2024, 10:34:05 AM on trail cluster

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