

Spark by {Examples} (https://sparkbyexamples.com/)

PySpark Tutorial

[PySpark Tutorial For Beginners \(https://sparkbyexamples.com/pyspark-tutorial/\)](https://sparkbyexamples.com/pyspark-tutorial/)

[PySpark – Features \(https://sparkbyexamples.com/pyspark-tutorial/#features\)](https://sparkbyexamples.com/pyspark-tutorial/#features)

[PySpark – Advantages \(https://sparkbyexamples.com/pyspark-tutorial/#advantages\)](https://sparkbyexamples.com/pyspark-tutorial/#advantages)

[PySpark – Modules & Packages \(https://sparkbyexamples.com/pyspark-tutorial/#modules-packages\)](https://sparkbyexamples.com/pyspark-tutorial/#modules-packages)

[PySpark – Cluster Managers \(https://sparkbyexamples.com/pyspark-tutorial/#cluster-manager\)](https://sparkbyexamples.com/pyspark-tutorial/#cluster-manager)

[PySpark – Install on Windows \(https://sparkbyexamples.com/pyspark-tutorial/#pyspark-installation\)](https://sparkbyexamples.com/pyspark-tutorial/#pyspark-installation)

[PySpark – Web/Application UI \(https://sparkbyexamples.com/spark/spark-web-ui-understanding/\)](https://sparkbyexamples.com/spark/spark-web-ui-understanding/)

[PySpark – SparkSession \(https://sparkbyexamples.com/pyspark/pyspark-what-is-sparksession/\)](https://sparkbyexamples.com/pyspark/pyspark-what-is-sparksession/)

[PySpark – RDD \(https://sparkbyexamples.com/pyspark-rdd\)](https://sparkbyexamples.com/pyspark-rdd)

[PySpark – Parallelize \(https://sparkbyexamples.com/pyspark/pyspark-parallelize-create-rdd/\)](https://sparkbyexamples.com/pyspark/pyspark-parallelize-create-rdd/)

[PySpark – repartition\(\) vs coalesce\(\) \(https://sparkbyexamples.com/pyspark/pyspark-repartition-vs-coalesce/\)](https://sparkbyexamples.com/pyspark/pyspark-repartition-vs-coalesce/)

[PySpark – Broadcast Variables \(https://sparkbyexamples.com/pyspark/pyspark-broadcast-variables/\)](https://sparkbyexamples.com/pyspark/pyspark-broadcast-variables/)

[PySpark – Accumulator \(https://sparkbyexamples.com/pyspark/pyspark-accumulator-with-example/\)](https://sparkbyexamples.com/pyspark/pyspark-accumulator-with-example/)

PySpark DataFrame

[PySpark – Create a DataFrame \(https://sparkbyexamples.com/pyspark/\)](https://sparkbyexamples.com/pyspark/)

[PySpark \(https://sparkbyexamples.com/pyspark-tutorial/\)](https://sparkbyexamples.com/pyspark-tutorial/)

POPULAR

Refills For Personalised Leather Diary

If your diary pages get over, worry not! you can always buy a fresh of refill pages. 140 high quality (GSM 90) ruled pages Dimensions: A5 – 8.8” x 6.1”...

The Messy

[HBase \(https://sparkbyexamples.com/apache-hbase-tutorial/\)](https://sparkbyexamples.com/apache-hbase-tutorial/)

PySpark SQL expr() (Expression) Function

[Kafka \(https://sparkbyexamples.com/apache-kafka-tutorial/\)](https://sparkbyexamples.com/apache-kafka-tutorial/)

[\(https://sparkbyexamples.com/author/admin/\)](https://sparkbyexamples.com/author/admin/) -

[PySpark tutorials with examples \(https://sparkbyexamples.com/category/pyspark/\)](https://sparkbyexamples.com/category/pyspark/)

[FAQ's PySpark \(https://sparkbyexamples.com/spark-questions/\)](https://sparkbyexamples.com/spark-questions/)

[More \(https://sparkbyexamples.com/\)](https://sparkbyexamples.com/)

PySpark `expr()` is a SQL function to execute SQL-like expressions and to use an existing DataFrame column value as an expression argument to PySpark built-in functions. Most of the commonly used SQL functions are either part of the [PySpark Column class \(https://sparkbyexamples.com/pyspark/pyspark-column-functions/\)](https://sparkbyexamples.com/pyspark/pyspark-column-functions/) or built-in `pyspark.sql.functions` API, besides these PySpark also supports many other SQL functions, so in order to use these, you have to use `expr()` function.

Succeed online

in.godaddy.com

Below are 2 use cases of **PySpark expr() function**.

- First, allowing to use of SQL-like functions that are not present in



[spark/different-ways-to-create-dataframe-in-pyspark/](#)

[PySpark – Create an empty DataFrame](#)
(<https://sparkbyexamples.com/pyspark/pyspark-create-an-empty-dataframe/>)

[PySpark – Convert RDD to DataFrame](#)
(<https://sparkbyexamples.com/pyspark/convert-pyspark-rdd-to-dataframe/>)

[PySpark – Convert DataFrame to Pandas](#)
(<https://sparkbyexamples.com/pyspark/convert-pyspark-dataframe-to-pandas/>)

[PySpark – show\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-show-display-dataframe-contents-in-table/>)

[PySpark – StructType & StructField](#)
(<https://sparkbyexamples.com/pyspark/pyspark-structtype-and-structfield/>)

[PySpark – Row Class](#)
(<https://sparkbyexamples.com/pyspark/pyspark-row-using-rdd-dataframe/>)

[PySpark – Column Class](#)
(<https://sparkbyexamples.com/pyspark/pyspark-column-functions/>)

[PySpark – select\(\)](#)
(<https://sparkbyexamples.com/pyspark/select-columns-from-pyspark-dataframe/>)

[PySpark – collect\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-collect/>)

[PySpark – withColumn\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-withcolumn/>)

[PySpark – withColumnRenamed\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-rename-dataframe-column/>)

[PySpark – where\(\) & filter\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-where-filter/>)

[PySpark – drop\(\) & dropDuplicates\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-distinct-to-drop-duplicates/>)

[PySpark – orderBy\(\) and sort\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-orderby-sort/>)

PySpark Column type & pyspark.sql.functions API. for example CASE WHEN, regr_count().

- Second, it extends the PySpark SQL Functions by allowing to use DataFrame columns in functions for expression. for example, if you wanted to add a month value from a column to a Date column. I will explain this in the example below.

1. PySpark expr() Syntax

Following is syntax of the expr() function.

```
expr(str)
```

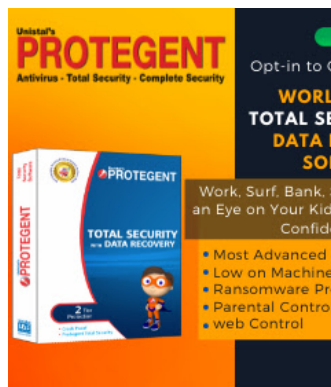
expr() function takes SQL expression as a string argument, executes the expression, and returns a PySpark Column type.

Expressions provided with this function are not a compile-time safety like DataFrame operations.

2. PySpark SQL expr()

Function Examples

Below are some of the examples of using expr() SQL function.



2.1 Concatenate Columns using || (similar to SQL)

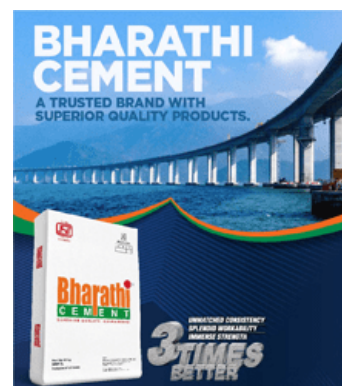
If you have SQL background, you pretty much familiar using || to concatenate values from two string columns, you can use expr() expression to do exactly same.

56% OFF

Setu Lean Lite

Checkout the latest products

Setu Nutrition
Setu Nutrition



[spark/pyspark-orderby-and-sort-explained/](#)

[PySpark – groupBy\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-groupby-explained-with-example/>)

[PySpark – join\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-join-explained-with-examples/>)

[PySpark – union\(\) & unionAll\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-union-and-unionall/>)

[PySpark – unionByName\(\)](#)
(<https://sparkbyexamples.com/spark/spark-merge-two-dataframes-with-different-columns/>)

[PySpark – UDF \(User Defined Function\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-udf-user-defined-function/>)

[PySpark – map\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-map-transformation/>)

[PySpark – flatMap\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-flatmap-transformation/>)

[pyspark – foreach\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-loop-iterate-through-rows-in-dataframe/#use-foreach-loop-through-dataframe>)

[PySpark – sample\(\) vs sampleBy\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-sampling-example/>)

[PySpark – fillna\(\) & fill\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-fillna-fill-replace-null-values/>)

[PySpark – pivot\(\) \(Row to Column\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-pivot-and-unpivot-dataframe/>)

[PySpark – partitionBy\(\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-partitionby-example/>)

[PySpark – ArrayType Column \(Array\)](#)
(<https://sparkbyexamples.com/pyspark/pyspark-arraytype-column-with-examples/>)

```
#Concatenate columns using || (sql)
data=[("James","Bond"),("Scott","Varsha")]
df=spark.createDataFrame(data).toDF("col1","col2")
df.withColumn("Name",expr(" col1 || col2"))
```

```
+-----+-----+-----+
| col1 | col2 |      Name |
+-----+-----+-----+
| James | Bond | James,Bond |
| Scott | Varsha | Scott,Varsha |
+-----+-----+-----+
```

2.2 Using SQL CASE WHEN with expr()

PySpark doesn't have SQL Like CASE WHEN (<https://sparkbyexamples.com/pyspark/pyspark-when-otherwise/>) so in order to use this on PySpark DataFrame withColumn() (<https://sparkbyexamples.com/pyspark/pyspark-withcolumn/>) or select(), you should use expr() function with expression as shown below.

Here, I have used CASE WHEN expression on withColumn() by using expr(), this example updates an existing column gender with the derived values, **M for male, F for Female**, and unknown for others

```
from pyspark.sql.functions import col, when
data = [("James","M"),("Michael","F"),("Jen","")]
columns = ["name","gender"]
df = spark.createDataFrame(data = data, schema = StructType([StructField(c, StringType(), True) for c in columns]))
```

```
#Using CASE WHEN similar to SQL.
from pyspark.sql.functions import col, when
df2=df.withColumn("gender", expr("CASE WHEN gender = 'M' THEN 'Male' WHEN gender = 'F' THEN 'Female' WHEN gender = '' THEN 'unknown'"))
```

```
df2.show()
+-----+-----+
|   name | gender |
+-----+-----+
|  James |   Male |
|Michael | Female |
|    Jen | unknown |
+-----+-----+
```

If you have any errors in the expression you will get the run time error but not during the compile time.

PySpark – MapType (Map/Dict)
(<https://sparkbyexamples.com/pyspark/pyspark-maptypes-dict-examples/>).

PySpark SQL Functions

PySpark – Aggregate Functions
(<https://sparkbyexamples.com/pyspark/pyspark-aggregate-functions/>).

PySpark – Window Functions
(<https://sparkbyexamples.com/pyspark/pyspark-window-functions/>).

PySpark – Date and Timestamp Functions
([https://sparkbyexamples.com/pyspark-sql-date-and-timestamp-functions/](https://sparkbyexamples.com/pyspark/pyspark-sql-date-and-timestamp-functions/)).

PySpark – JSON Functions
([https://sparkbyexamples.com/pyspark-pyspark-json-functions-with-examples/](https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/)).

PySpark Datasources

PySpark – Read & Write CSV File
(<https://sparkbyexamples.com/pyspark/pyspark-read-csv-file-into-dataframe/>).

PySpark – Read & Write Parquet File
([https://sparkbyexamples.com/pyspark-pyspark-read-and-write-parquet-file/](https://sparkbyexamples.com/pyspark/pyspark-read-and-write-parquet-file/)).

PySpark – Read & Write JSON file
([https://sparkbyexamples.com/pyspark-pyspark-read-json-file-into-dataframe/](https://sparkbyexamples.com/pyspark/pyspark-read-json-file-into-dataframe/)).

Personalized Tissue Box

Custom Tissue Holder With Name & Charm in Tan, Black & Many More Variants. Shop Now! The Messy Corner

2.3 Using an Existing Column Value for Expression

Most of the PySpark function takes constant literal values but sometimes we need to use a value from an existing column instead of a constant and this is not possible without `expr()` expression. The below example adds a number of months from an existing column instead of a Python constant.

Succeed online
in.godaddy.com

```
from pyspark.sql.functions import expr
data=[("2019-01-23",1),("2019-06-24",2),("2019-09-20",3)]
df=spark.createDataFrame(data).toDF("date","increment")

#Add Month value from another column
df.select(df.date,df.increment,
          expr("add_months(date,increment,1)",
                alias("inc_date"))).show()
```

date	increment	inc_date
2019-01-23	1	2019-02-23
2019-06-24	2	2019-08-24
2019-09-20	3	2019-12-20

Note that Importing SQL functions are not required when using them with `expr()`. You see above `add_months()` is used without importing.

2.4 Giving Column Alias along with expr()

You can also use SQL like syntax to provide the [alias name to the column](https://sparkbyexamples.com/pyspark/pyspark-column-alias-after-groupby/) (<https://sparkbyexamples.com/pyspark/pyspark-column-alias-after-groupby/>) expression.



SBI Life
INSURANCE
With Us, You're Sure

IN THIS POLICY, THE INVESTMENT RISK IN THE INVESTMENT PORTFOLIO IS BORNE BY THE POLICY HOLDER

Insurance with Wealth Creation

with premiums starting from ₹ 2000 per month¹

SBI LIFE-Wealth INSURANCE
Unit-Linked, Non-Participating, Insurance Plan

KNOW MORE

TAKE A CHANCE

T&C APPLY. IRDAI REGD. NO. 111
CIN: L99999MH2000PLC129113

PySpark Built-In Functions

[PySpark – when\(\).
\(https://sparkbyexamples.com/pyspark/pyspark-when-otherwise/\)](https://sparkbyexamples.com/pyspark/pyspark-when-otherwise/)

[PySpark – expr\(\).
\(https://sparkbyexamples.com/pyspark/sql-expr-expression-function/\)](https://sparkbyexamples.com/pyspark/sql-expr-expression-function/)

[PySpark – lit\(\).
\(https://sparkbyexamples.com/pyspark/lit-add-literal-constant/\)](https://sparkbyexamples.com/pyspark/lit-add-literal-constant/)

[PySpark – split\(\).
\(https://sparkbyexamples.com/pyspark/convert-string-to-array-column/\)](https://sparkbyexamples.com/pyspark/convert-string-to-array-column/)

[PySpark – concat_ws\(\).
\(https://sparkbyexamples.com/pyspark/concat_ws/\)](https://sparkbyexamples.com/pyspark/concat_ws/)

[PySpark – substring\(\).
\(https://sparkbyexamples.com/pyspark/substring-from-a-column/\)](https://sparkbyexamples.com/pyspark/substring-from-a-column/)

[PySpark – translate\(\).
\(https://sparkbyexamples.com/pyspark/replace-column-values/#translate-replace-character-by-character\)](https://sparkbyexamples.com/pyspark/replace-column-values/#translate-replace-character-by-character)

[PySpark – regexp_replace\(\).
\(https://sparkbyexamples.com/pyspark/replace-column-values/#regex-replace\)](https://sparkbyexamples.com/pyspark/replace-column-values/#regex-replace)

```
# Providing alias using 'as'
from pyspark.sql.functions import expr
df.select(df.date,df.increment,
          expr("add_months(date,increment)"),
          ).show()
# This yields same output as above
```

2.5 Case Function with expr()

Below example converts long data type to string type.

```
# Using Cast() Function
df.select("increment",expr("cast(increment as string)"),
          ).printSchema()

root
 |-- increment: long (nullable = true)
 |-- str_increment: string (nullable = true)
```

2.7 Arithmetic operations

expr() is also used to provide arithmetic operations, below examples add value 5 to increment and creates a new column new_increment

```
# Arithmetic operations
df.select(df.date,df.increment,
          expr("increment + 5 as new_increment"),
          ).show()
```

```
+-----+-----+-----+
|      date|increment|new_increment|
+-----+-----+-----+
|2019-01-23|         1|             6|
|2019-06-24|         2|             7|
|2019-09-20|         3|             8|
+-----+-----+-----+
```

2.8 Using Filter with expr()

Filter the DataFrame rows
(<https://sparkbyexamples.com/pyspark/pyspark-where-filter/>) can done using expr() expression.

[values/#regex_replace-replace-string-columns](#)).

[PySpark – overlay\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-replace-column-values/#overlay-function>).

[PySpark – to_timestamp\(\)](#).
(https://sparkbyexamples.com/spark/pyspark-to_timestamp-convert-string-to-timestamp-type/).

[PySpark – to_date\(\)](#).
([https://sparkbyexamples.com/pyspark-to_date-convert-timestamp-to-date/](https://sparkbyexamples.com/pyspark/pyspark-to_date-convert-timestamp-to-date/)).

[PySpark – date_format\(\)](#).
([https://sparkbyexamples.com/pyspark-date_format-convert-date-to-string-format/](https://sparkbyexamples.com/pyspark/pyspark-date_format-convert-date-to-string-format/)).

[PySpark – datediff\(\)](#).
([https://sparkbyexamples.com/pyspark-difference-between-two-dates-days-months-years/#datediff](https://sparkbyexamples.com/pyspark/pyspark-difference-between-two-dates-days-months-years/#datediff)).

[PySpark – months_between\(\)](#).
([https://sparkbyexamples.com/pyspark-difference-between-two-dates-days-months-years/#months_between\(\)](https://sparkbyexamples.com/pyspark/pyspark-difference-between-two-dates-days-months-years/#months_between())).

[PySpark – explode\(\)](#).
([https://sparkbyexamples.com/pyspark-explode-nested-array-into-rows/](https://sparkbyexamples.com/pyspark/pyspark-explode-nested-array-into-rows/)).

[PySpark – array_contains\(\)](#).
([https://sparkbyexamples.com/pyspark-arraytype-column-with-examples/#array_contains](https://sparkbyexamples.com/pyspark/pyspark-arraytype-column-with-examples/#array_contains)).

[PySpark – array\(\)](#).
([https://sparkbyexamples.com/pyspark-arraytype-column-with-examples/#array](https://sparkbyexamples.com/pyspark/pyspark-arraytype-column-with-examples/#array)).

[PySpark – collect_list\(\)](#).
([https://sparkbyexamples.com/pyspark-aggregate-functions/#collect-list](https://sparkbyexamples.com/pyspark/pyspark-aggregate-functions/#collect-list)).

[PySpark – collect_set\(\)](#).
([https://sparkbyexamples.com/pyspark-aggregate-functions/#collect-set](https://sparkbyexamples.com/pyspark/pyspark-aggregate-functions/#collect-set)).

[PySpark – create_map\(\)](#).
([https://sparkbyexamples.com/pyspark-convert-dataframe-columns-to-maptype-dict/](https://sparkbyexamples.com/pyspark/pyspark-convert-dataframe-columns-to-maptype-dict/)).

[PySpark – map_keys\(\)](#).
([https://sparkbyexamples.com/pyspark-maptype-dict-examples/#map_keys](https://sparkbyexamples.com/pyspark/pyspark-maptype-dict-examples/#map_keys)).

[PySpark – map_values\(\)](#).
(<https://sparkbyexamples.com/pysp>

```
#Use expr() to filter the rows
from pyspark.sql.functions import expr
data=[(100,2),(200,3000),(500,500)]
df=spark.createDataFrame(data).toDF("col1","col2")
df.filter(expr("col1 == col2")).show()
```

```
+----+----+
| col1 | col2 |
+----+----+
|  500 |  500 |
+----+----+
```

3. Complete Example of PySpark SQL expr() Function

This example is also available at [GitHub PySpark Examples](#) (<https://github.com/spark-examples/pyspark-examples/blob/master/pyspark-expr.py>) Project.

[ark/pyspark-matype-dict-examples/#map_values](#)).

[PySpark – struct\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-structtype-and-structfield/#update-struct-function>).

[PySpark – countDistinct\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-count-distinct-from-dataframe/>).

[PySpark – sum\(\), avg\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-dataframe-groupby-and-sort-by-descending-order/>).

[PySpark – row_number\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-window-functions/#row_number).

[PySpark – rank\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-window-functions/#rank>).

[PySpark – dense_rank\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-window-functions/#dense_rank).

[PySpark – percent_rank\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-window-functions/#percent_rank).

[PySpark – typedLit\(\)](#).
(<https://sparkbyexamples.com/pyspark/pyspark-lit-add-literal-constant/#typedlit>).

[PySpark – from_json\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/#from_json).

[PySpark – to_json\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/#to_json).

[PySpark – json_tuple\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/#json_tuple).

[PySpark – get_json_object\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/#get_json_object).

[PySpark – schema_of_json\(\)](#).
(https://sparkbyexamples.com/pyspark/pyspark-json-functions-with-examples/#schema_of_json).

```
from pyspark.sql import SparkSession
spark = SparkSession.builder.appName("PySpark SQL").getOrCreate()
```

```
from pyspark.sql.functions import concat, concat_ws, #Concatenate columns
data=[("James", "Bond"), ("Scott", "Valentine")]
df=spark.createDataFrame(data).toDF("id", "name")
df.withColumn("Name", expr(" concat_ws(' ', col1 || col2)")).show()
```

```
#Using CASE WHEN sql expression
data = [("James", "M"), ("Michael", "F")]
columns = ["name", "gender"]
df = spark.createDataFrame(data = data, schema = columns)
df2 = df.withColumn("gender", expr("CASE WHEN name = 'James' THEN 'M' ELSE 'F' WHEN gender = 'F' THEN 'M' ELSE 'F'"))
df2.show()
```

```
#Add months from a value of another column
data=[("2019-01-23", 1), ("2019-06-24", 2)]
df=spark.createDataFrame(data).toDF("date", "increment")
df.select(df.date, df.increment,
          expr("add_months(date, increment)"),
          .alias("inc_date")).show()
```

```
# Providing alias using 'as'
df.select(df.date, df.increment,
          expr("add_months(date, increment)"),
          .alias("inc_date")).show()
```

```
# Add
df.select(df.date, df.increment,
          expr("increment + 5 as new_increment"),
          .show())
```

```
# Using cast to convert data types
df.select("increment", expr("cast(increment as int)"),
          .printSchema())
```

```
#Use expr() to filter the rows
data=[(100, 2), (200, 3000), (500, 500)]
df=spark.createDataFrame(data).toDF("col1", "col2")
df.filter(expr("col1 == col2")).show()
```

Conclusion

PySpark `expr()` function provides a way to run SQL like expression with DataFrames, here you have learned how to use `expr()` expression with `select()`, with `Column()` and to filter the DataFrame rows.


Happy Learning !!


References

- https://spark.apache.org/docs/2.3.1/api/python/_modules/pyspark/sql/functions.html
(https://spark.apache.org/docs/2.3.1/api/python/_modules/pyspark/sql/functions.html)


Share this:


 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=facebook&nb=1>)


 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=reddit&nb=1>)


 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=pinterest&nb=1>)

1

 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=tumblr&nb=1>)

 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=pocket&nb=1>)

 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=linkedin&nb=1>)

 (<https://sparkbyexamples.com/pyspark/pyspark-sql-expr-expression-function/?share=twitter&nb=1>)



NNK

(<https://Sparkbyexamples.Com/Author/Admin/>)

(<https://sparkbyexamples.com/author/admin/>)

SparkByExamples.com is a Big Data and Spark examples community page, all examples are simple and easy to understand and well tested in our development environment [Read more ..](#)
(<https://sparkbyexamples.com/about-sparkbyexamples/>)

Leave a Reply

Apache Hadoop
(<https://sparkbyexamples.com/category/hadoop/>)

Apache Spark
(<https://sparkbyexamples.com/category/spark/>)

Apache Spark Streaming
(<https://sparkbyexamples.com/category/spark/apache-spark-streaming/>)

Apache Kafka
(<https://sparkbyexamples.com/category/kafka/>)

Apache HBase
(<https://sparkbyexamples.com/category/hbase/>)

Apache Cassandra
(<https://sparkbyexamples.com/category/cassandra/>)

Snowflake Database
(<https://sparkbyexamples.com/category/snowflake/>)

H2O Sparkling Water
(<https://sparkbyexamples.com/category/h2o-sparkling-water/>)

Spark regexp_replace() – Replace String Value

(https://sparkbyexamples.com/spark/spark-regexp_replace-replace-string-value/)

How to Run a PySpark Script from Python?

(<https://sparkbyexamples.com/pyspark/run-pyspark-script-from-python-subprocess/>)

Spark SQL like() Using Wildcard Example
(<https://sparkbyexamples.com/spark/spark-sql-like-using-wildcard-example/>)

Spark isin() & IS NOT IN Operator Example (<https://sparkbyexamples.com/spark/spark-isin-is-not-in-operator-example/>)

Spark – Get Size/Length of Array & Map Column

(<https://sparkbyexamples.com/spark/spark-get-size-length-of-array-map-column/>)

Spark Using Length/Size Of a DataFrame Column

(<https://sparkbyexamples.com/spark/spark-using-length-size-of-a-dataframe-column/>)

Spark rlike() Working with Regex Matching Examples

(<https://sparkbyexamples.com/spark/spark-rlike-regex-matching-examples/>)

SparkByExamples.com is a Big Data and Spark examples community page, all examples are simple and easy to understand, and well tested in our development environment Read more .. (<https://sparkbyexamples.com/about-sparkbyexamples/>)

(https: (https:

//www. //www.

(https: facebo linkedi (https:

//twitter ok.co n.com/ //github

r.com/ m/spar in/n- b.com/

sparkb kbyex nk- spark-

yexam ample b860a exam

ples) s/) 8193/) les/)



PySpark
(<https://sparkbyexamples.com/category/pyspark/>)

Spark Check String Column Has Numeric Values
(<https://sparkbyexamples.com/spark/spark-check-string-column-has-numeric-values/>)

Spark Check Column Data Type is Integer or String
(<https://sparkbyexamples.com/spark/spark-check-column-data-type-is-integer-or-string/>)

Copyright sparkbyexamples.com