Fillna() or DataFrameNaFunctions.fill() is used to replace NULL/None values on all or selected multiple DataFrame columns with either zero, empty string, space or any constant literal values.

**Example-1**

from pyspark.sql import \*  
from pyspark.sql.functions import \*  
  
spark = SparkSession.builder.appName('fill\_fillna').getOrCreate()  
  
myData = [(1,'Harsha','male',2000,None),  
 (2,None,'female',3000,'HR'),  
 (3, 'Harika', 'female', 3500, 'IT'),  
 (4, 'Kiran', 'male', 4000, 'HR'),  
 (5, 'venkat', 'male', 5000, 'IT'),  
 (6, 'Rama', 'female', 4500, 'IT')  
 ]  
  
mySchema = ['id','name','gender','salary','dept']  
  
df = spark.createDataFrame(myData,mySchema)  
  
df.fillna('unknown').show()  
  
df.fillna('unknown',['dept']).show()

**Output:**

+---+-------+------+------+-------+

| id| name|gender|salary| dept|

+---+-------+------+------+-------+

| 1| Harsha| male| 2000|unknown|

| 2|unknown|female| 3000| HR|

| 3| Harika|female| 3500| IT|

| 4| Kiran| male| 4000| HR|

| 5| venkat| male| 5000| IT|

| 6| Rama|female| 4500| IT|

+---+-------+------+------+-------+

+---+------+------+------+-------+

| id| name|gender|salary| dept|

+---+------+------+------+-------+

| 1|Harsha| male| 2000|unknown|

| 2| null|female| 3000| HR|

| 3|Harika|female| 3500| IT|

| 4| Kiran| male| 4000| HR|

| 5|venkat| male| 5000| IT|

| 6| Rama|female| 4500| IT|

+---+------+------+------+-------+

**Example-2**

from pyspark.sql import \*  
from pyspark.sql.functions import \*  
  
*# Create a Spark session*spark = SparkSession.builder.appName("SalesAnalysis").getOrCreate()  
  
myData = [('2023-01-01','abc',10,100.0),  
 ('2023-01-01','def',None, None),  
 ('2023-01-02','abc',15, 150.0),  
 ('2023-01-02','ghi',8, 80.0),  
 ('2023-01-03','def',None, 200.0)]  
  
mySchema = ['data','product','quantity','revenue']  
  
sales\_data = spark.createDataFrame(myData,mySchema)  
  
sales\_data.show()  
  
sales\_data.fillna({'quantity':0,'revenue':0.0}).show()

**Output:**

+----------+-------+--------+-------+

| data|product|quantity|revenue|

+----------+-------+--------+-------+

|2023-01-01| abc| 10| 100.0|

|2023-01-01| def| null| null|

|2023-01-02| abc| 15| 150.0|

|2023-01-02| ghi| 8| 80.0|

|2023-01-03| def| null| 200.0|

+----------+-------+--------+-------+

+----------+-------+--------+-------+

| data|product|quantity|revenue|

+----------+-------+--------+-------+

|2023-01-01| abc| 10| 100.0|

|2023-01-01| def| 0| 0.0|

|2023-01-02| abc| 15| 150.0|

|2023-01-02| ghi| 8| 80.0|

|2023-01-03| def| 0| 200.0|

+----------+-------+--------+-------+