unionByName() lets us to merge/union two DataFrames with a different number of columns(different schema) by passing allowMissingColumns with the value true.

from pyspark.sql import \*  
from pyspark.sql.functions import \*  
  
spark = SparkSession.builder.appName('unionByName').getOrCreate()  
  
myData1 = [(1,'Harsha',29)]  
mySchema1 = ['id','name','age']  
  
myData2 = [(1,'Harsha',2000)]  
mySchema2 = ['id','name','salary']  
  
df1 = spark.createDataFrame(myData1,mySchema1)  
df2 = spark.createDataFrame(myData2,mySchema2)  
  
df1.unionByName(df2,allowMissingColumns=True).show()

**Output:**

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

| id| name| age|salary|

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

| 1|Harsha| 29| null|

| 1|Harsha|null| 2000|

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