1. We can use either orderBy() or sort() function of pyspark DataFrame to sort DataFrame by ascending or descending order based on single or multiple columns.
2. By default, sorting will happen in ascending order. We can explicitly mention ascending or descending using asc(), desc() functions.

from pyspark.sql import \*  
from pyspark.sql.functions import \*  
  
spark = SparkSession.builder.appName('distinct\_dropDuplicates').getOrCreate()  
  
  
myData = [(1,'Harsha','male',2000,'IT'),  
 (2,'Mokshit','male',4000,'HR'),  
 (3,'Harika','female',3000,'Payroll'),  
 (4,'Venkat','male',4000,'IT')]  
  
mySchema = ['id','name','gender','salary','dept']  
  
df = spark.createDataFrame(myData,mySchema)  
  
df.sort(df.dept).show() *# default is ascending*df.sort(df.dept.desc()).show()  
  
df.orderBy(df.salary).show() *# default is ascending*df.orderBy(df.salary.desc(), df.id).show()

**Output:**

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

| id| name|gender|salary| dept|

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

| 2|Mokshit| male| 4000| HR|

| 4| Venkat| male| 4000| IT|

| 1| Harsha| male| 2000| IT|

| 3| Harika|female| 3000|Payroll|

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

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

| id| name|gender|salary| dept|

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

| 3| Harika|female| 3000|Payroll|

| 1| Harsha| male| 2000| IT|

| 4| Venkat| male| 4000| IT|

| 2|Mokshit| male| 4000| HR|

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

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

| id| name|gender|salary| dept|

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

| 1| Harsha| male| 2000| IT|

| 3| Harika|female| 3000|Payroll|

| 2|Mokshit| male| 4000| HR|

| 4| Venkat| male| 4000| IT|

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

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

| id| name|gender|salary| dept|

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

| 2|Mokshit| male| 4000| HR|

| 4| Venkat| male| 4000| IT|

| 3| Harika|female| 3000|Payroll|

| 1| Harsha| male| 2000| IT|

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