```python
# Databricks notebook source
import pyspark
from pyspark.sql import SparkSession
from pyspark.sql.functions import col

spark = 
SparkSession.builder.appName('SparkByExamples.com').getOrCreate()
simpleData = (("James","","Smith","36636","NewYork",3100), \
    ("Michael","Rose","","40288","California",4300), \
    ("Robert","","Williams","42114","Florida",1400), \
    ("Maria","Anne","Jones","39192","Florida",5500), \
    ("Jen","Mary","Brown","34561","NewYork",3000) \
  )
columns=
["firstname","middlename","lastname","id","location","salary"]

df = spark.createDataFrame(data = simpleData, schema = columns)

df.printSchema()
df.show(truncate=False)

df.drop("firstname") \
  .printSchema()

df.drop(col("firstname")) \
  .printSchema()

df.drop(df.firstname) \
  .printSchema()

df.drop("firstname","middlename","lastname") \
    .printSchema()

cols = ("firstname","middlename","lastname")

df.drop(*cols) \
    .printSchema()

# COMMAND ----------
```