from pyspark.sql.functions import \*

from pyspark.sql.types import \*

file\_location = "/FileStore/tables/products.csv"

file\_type = "csv"

asaipravschema=StructType([

    StructField("SalesOrderNumber", StringType()),

    StructField("SalesOrderLineNumber", IntegerType()),

    StructField("OrderDate", DateType()),

    StructField("CustomerName", StringType()),

    StructField("Email", StringType()),

    StructField("Item", StringType()),

    StructField("Quantity", IntegerType()),

    StructField("UnitPrice", FloatType()),

    StructField("Tax", FloatType())

])

asaipravdf=spark.read.format(file\_type).options(header="false").schema(asaipravschema).load(file\_location)

display(asaipravdf)

from pyspark.sql.functions import \*

display(asaipravdf.select(col("SalesOrderNumber"),col("OrderDate")))

from pyspark.sql.functions import \*

display(asaipravdf.filter(col("SalesOrderNumber").alias("Not Null").isNotNull()))

asaipravdf = spark.read.format(filetype).option(header="true").load("dbfs:/FileStore/shared\_uploads/user@outlook.com/products.csv")

from pyspark.sql.functions import \*

display(dp203df.groupBy(col("ListPrice")).count().alias("Count").filter(col("Count") ==5))

dp203df.write.saveAsTable("CustomeTable")

%sql

select \* from CustomeTable