```
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
from apyori import apriori



store_data = pd.read_csv('D:\\Apriori_Algo\\store_data.csv', header=None)
#keeping header as None
records = []
for i in range(0, 7501):
    records.append([str(store_data.values[i,j]) for j in range(0, 20)])
association_rules = apriori(records, min_support=0.0045, min_confidence=0.2,
min_lift=3, min_length=2)
association_results = list(association_rules)

print(len(association_results))  #to check the Total Number of Rules mined
print(association_results[0])  #to print the first item the association_rules list
to see the first rule

for item in association_results:                                        #to
display the rule, the support, the confidence, and lift for each rule in a more
clear way:

    # first index of the inner list
    # Contains base item and add item
    pair = item[0]
    items = [x for x in pair]
    print("Rule: " + items[0] + " -> " + items[1])

    #second index of the inner list
    print("Support: " + str(item[1]))

    #third index of the list located at 0th
    #of the third index of the inner list

    print("Confidence: " + str(item[2][0][2]))
    print("Lift: " + str(item[2][0][3]))
    print("=====================================")
```