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import pandas as pd

from mlxtend.preprocessing import TransactionEncoder

from mlxtend.frequent_patterns import apriori, association_rules


df=pd.read_csv('Market_Basket_Optimisation.csv',header=None)
df.dropna(inplace=True)


te=TransactionEncoder()

te_ary=te.fit(df.values).transform(df.values)
df=pd.DataFrame(te_ary,columns=te.columns_)


frequent_itemsets=apriori(df,min_support=0.01,use_colnames=True)
rules=association_rules(frequent_itemsets,metric="lift",min_threshold=1)#displayinformation
print("Original Dataset:\n")
print(df.head())
print("\nFrequent Itemsets:\n")
print(frequent_itemsets)
print("\nAssociation Rules:\n")
print(rules)
```