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import streamlit as st
import pandas as pd
from mlxtend.frequent_patterns import apriori, association_rules

st.set_page_config(layout="wide")
st.title("Apriori Market Basket App")

file = st.file_uploader("Upload Transaction Data", type=["csv"])
support = st.slider("Minimum Support", 0.01, 1.0, 0.3)
confidence = st.slider("Minimum Confidence", 0.01, 1.0, 0.7)
lift = st.slider("Minimum Lift", 0.5, 5.0, 1.0)

if file:
    df = pd.read_csv(file)
    st.write("Transactions", df)

    freq_items = apriori(df, min_support=support, use_colnames=True)
    rules = association_rules(freq_items, metric="confidence", min_threshold=confidence)
    rules = rules[rules["lift"] >= lift]

    st.write("Frequent Itemsets", freq_items)
    st.write("Association Rules", rules)

```