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import sqlite3
import pandas as pd

DB_FILE = "walmart.db"
SPREADSHEET_0 = "spreadsheet_0.csv"
SPREADSHEET_1 = "spreadsheet_1.csv"
SPREADSHEET_2 = "spreadsheet_2.csv"

def load_products(cursor):
    df = pd.read_csv(SPREADSHEET_0)
    for _, row in df.iterrows():
        cursor.execute("""
            INSERT INTO products (product_id, name, manufacturer, category)
            VALUES (?, ?, ?, ?)
            """, (row["product_id"], row["name"], row["manufacturer"], row["category"]))

def process_shipment_info():
    df1 = pd.read_csv(SPREADSHEET_1)
    df2 = pd.read_csv(SPREADSHEET_2)
    shipments = df1.merge(df2, on="shipment_id")
    shipments["quantity"] = shipments.groupby("shipment_id")["quantity"].transform("sum")
    shipments = shipments.drop_duplicates(subset=["shipment_id", "product_id"])
    return shipments

def store_shipment_records(cursor, shipments):
    for _, row in shipments.iterrows():
        cursor.execute("""
            INSERT INTO shipments (shipment_id, origin, destination, date)
            VALUES (?, ?, ?, ?)
            """, (row["shipment_id"], row["origin"], row["destination"], row["date"]))
        cursor.execute("""
            INSERT INTO shipment_products (shipment_id, product_id, quantity)
            VALUES (?, ?, ?)
            """, (row["shipment_id"], row["product_id"], row["quantity"]))

def execute():
    conn = sqlite3.connect(DB_FILE)
    cursor = conn.cursor()
    load_products(cursor)
    shipments = process_shipment_info()
    store_shipment_records(cursor, shipments)
    conn.commit()
    conn.close()

if __name__ == "__main__":
    execute()

```