```
import sqlite3
conn = sqlite3.connect("sales_data.db")
cursor = conn.cursor()
cursor.execute("""
CREATE TABLE IF NOT EXISTS sales (
    id INTEGER PRIMARY KEY,
    product TEXT,
    quantity INTEGER,
    price REAL
)
""")
sample_data = [
    ("Apple", 10, 0.5),
    ("Banana", 15, 0.3),
    ("Orange", 20, 0.4),
    ("Apple", 5, 0.5),
    ("Banana", 10, 0.3)
]

cursor.executemany("INSERT INTO sales (product, quantity, price)
VALUES (?, ?, ?)", sample_data)
conn.commit()
conn.close()

import sqlite3
import pandas as pd
import matplotlib.pyplot as plt
conn = sqlite3.connect("sales_data.db")
query = """
SELECT product,
       SUM(quantity) AS total_qty,
       SUM(quantity * price) AS revenue
FROM sales
GROUP BY product
"""
df = pd.read_sql_query(query, conn)
conn.close()
print("Sales Summary:")
print(df)
df.plot(kind='bar', x='product', y='revenue', legend=False,
color='skyblue')
plt.title("Revenue by Product")
plt.ylabel("Revenue ($)")
plt.xlabel("Product")
plt.tight_layout()
plt.savefig("sales_chart.png")
plt.show()

Sales Summary:
  product  total_qty  revenue
```

```
0   Apple          30     15.0
1  Banana          50     15.0
2  Orange          40     16.0
```