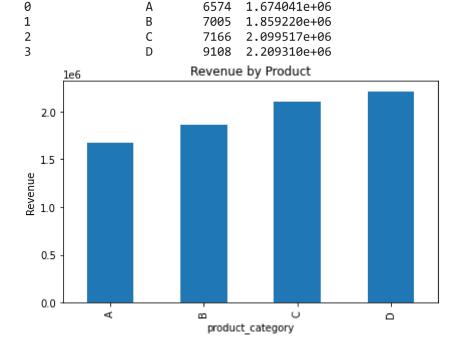
6/5/25, 4:54 PM main

```
In [36]:
import sqlite3
import pandas as pd
import matplotlib.pyplot as plt
# Step-1
df = pd.read_csv("dataset.csv")
# Step-2
conn = sqlite3.connect("dataset.db")
df.to sql("sales", conn, if exists="replace", index=False)
# Step-3
query = """
SELECT
    product_category,
    SUM(units sold) AS total qty,
    SUM(units_sold * price_per_unit) AS revenue
FROM sales
GROUP BY product category
summary_df = pd.read_sql_query(query, conn)
print(summary_df)
# Step-4
summary_df.plot(kind="bar", x="product_category", y="revenue", legend=False)
plt.title("Revenue by Product")
plt.ylabel("Revenue")
plt.tight layout()
plt.show()
```

revenue



total_qty

product_category