

	product	price	quantity	total	Classification
0	Widget A	1234.50	10.0	12345.00	high
1	Widget B	567.89	5.0	2839.45	med
2	Widget C	2345.00	0.0	0.00	low

```
import pandas as pd

# Sample dataset
raw = {
    "product": ["Widget A", "Widget B", "Widget C"],
    "price": ["$1,234.50", "$567.89", "$2,345.00"],
    "quantity": [10, 5, None],
}

df = pd.DataFrame(raw)

df["price"] = df["price"].apply(lambda x: float(x.replace("$", "").replace(",", "")))

df["quantity"] = df["quantity"].fillna(0)

df["total"] = df["price"] * df["quantity"]

df["Classification"] = df["total"].apply(lambda x: "high" if x > 10000 else "med" if x > 1000 else "low")
```