

+

venv

38m ago

Energy1.ipynb

10s ago

Energy1.ipynb

+

✂

📄

▶

■

↺

▶▶

Code

▼

Notebook Python 3 (ipykernel)

```

Shape of the dataset before outlier removal: (10000, 15)
Shape of the dataset after outlier removal: (10000, 15)
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10000 entries, 0 to 9999
Data columns (total 15 columns):
#   Column                      Non-Null Count  Dtype
---  -
0   customer_id                 10000 non-null  int64
1   region                     10000 non-null  object
2   energy_consumption_kwh      10000 non-null  float64
3   peak_hours_usage            10000 non-null  float64
4   off_peak_usage              10000 non-null  float64
5   renewable_energy_pct        10000 non-null  float64
6   billing_amount              10000 non-null  float64
7   household_size              10000 non-null  int64
8   temperature_avg             10000 non-null  float64
9   income_bracket              10000 non-null  object
10  smart_meter_installed        10000 non-null  bool
11  time_of_day_pricing          10000 non-null  bool
12  annual_energy_trend          10000 non-null  float64
13  solar_panel                  10000 non-null  bool
14  target_high_usage           10000 non-null  bool
dtypes: bool(4), float64(7), int64(2), object(2)
memory usage: 898.6+ KB
None
<Figure size 1000x600 with 0 Axes>
    
```

Histograms of Numerical Features

350

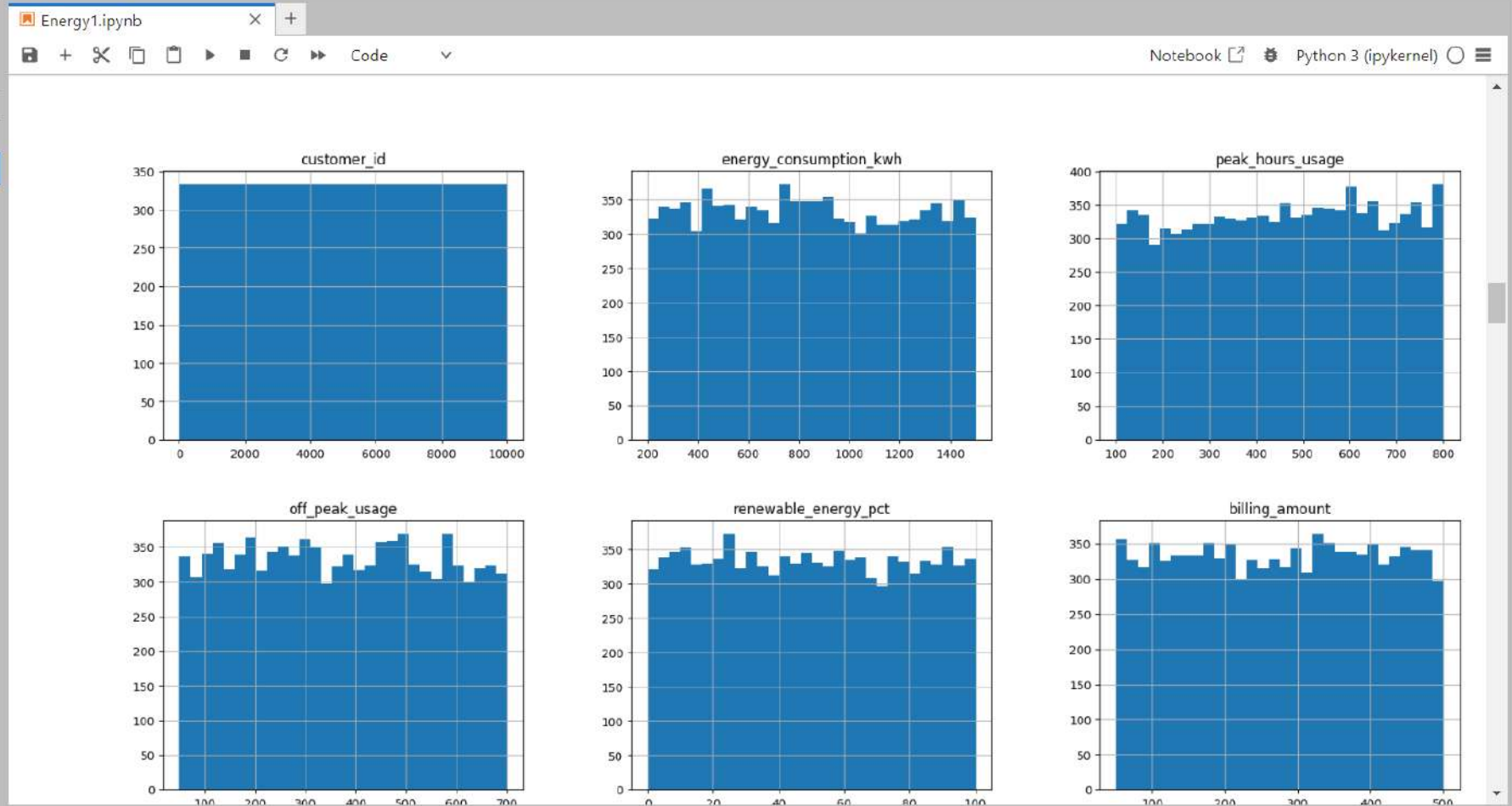
customer\_id

energy\_consumption\_kwh

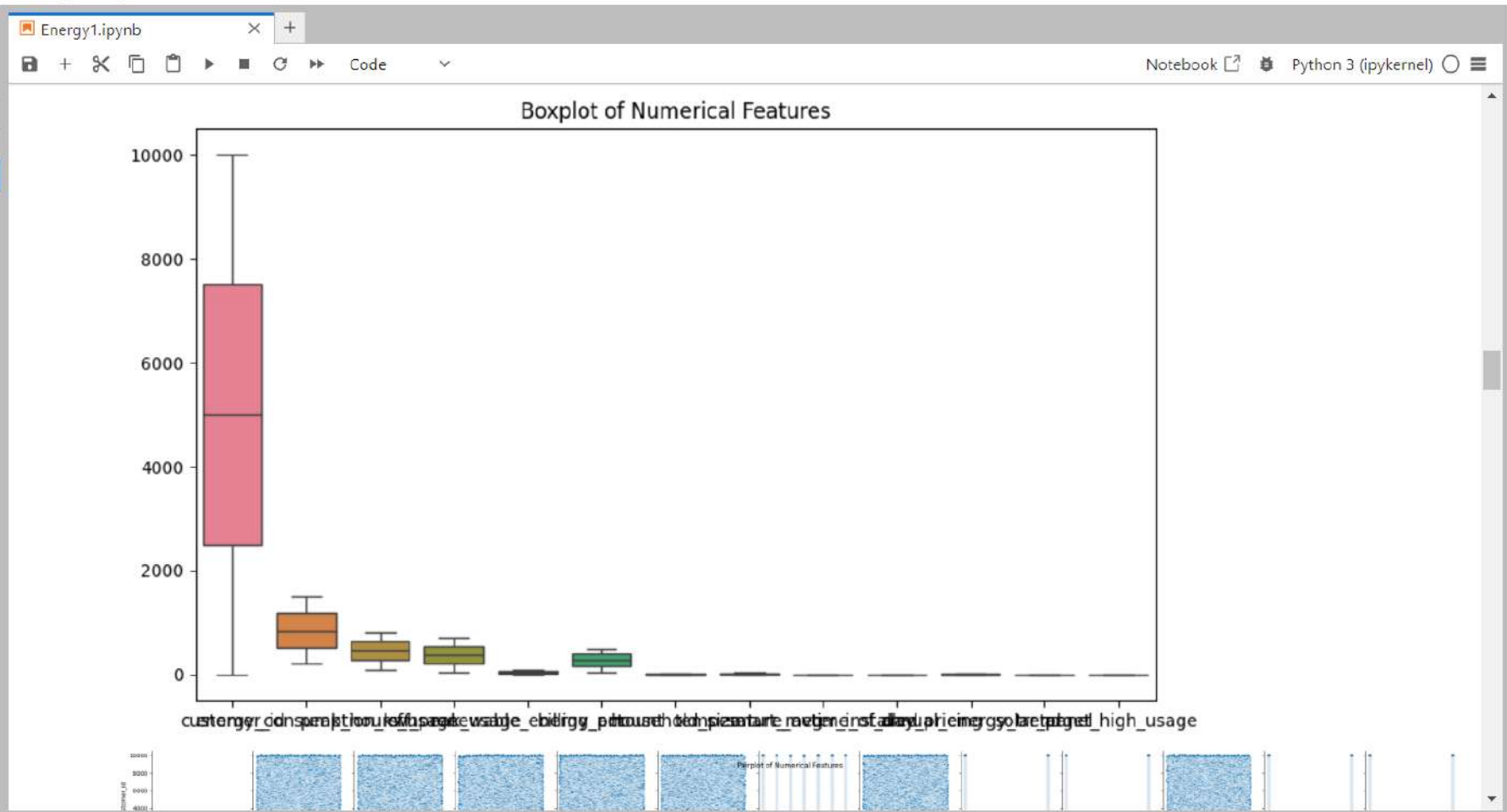
400

peak\_hours\_usage

/	
Name	Modified
venv	38m ago
• Energy1.ipynb	4m ago



Name	Modified
venv	38m ago
Energy1.ipynb	4m ago

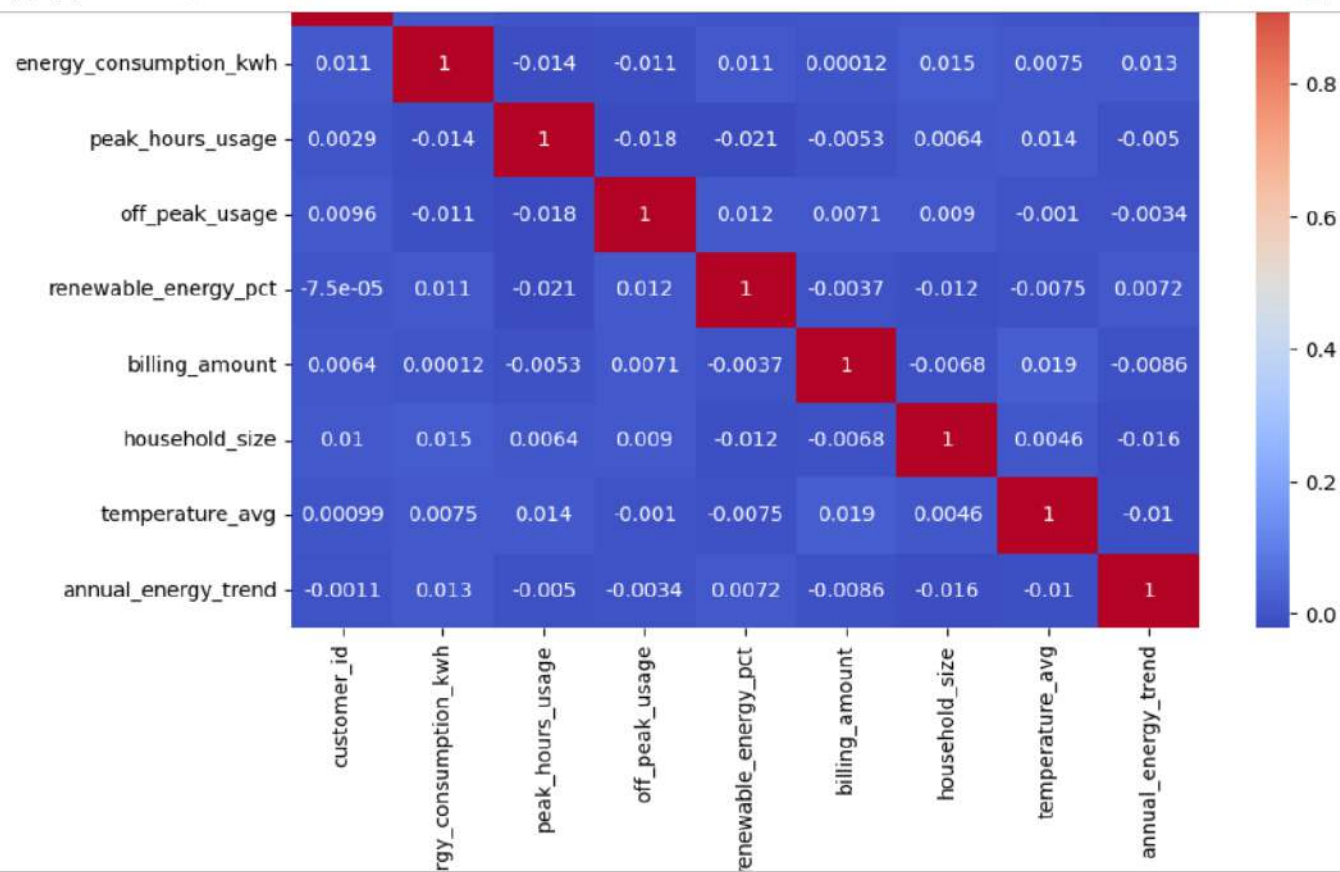


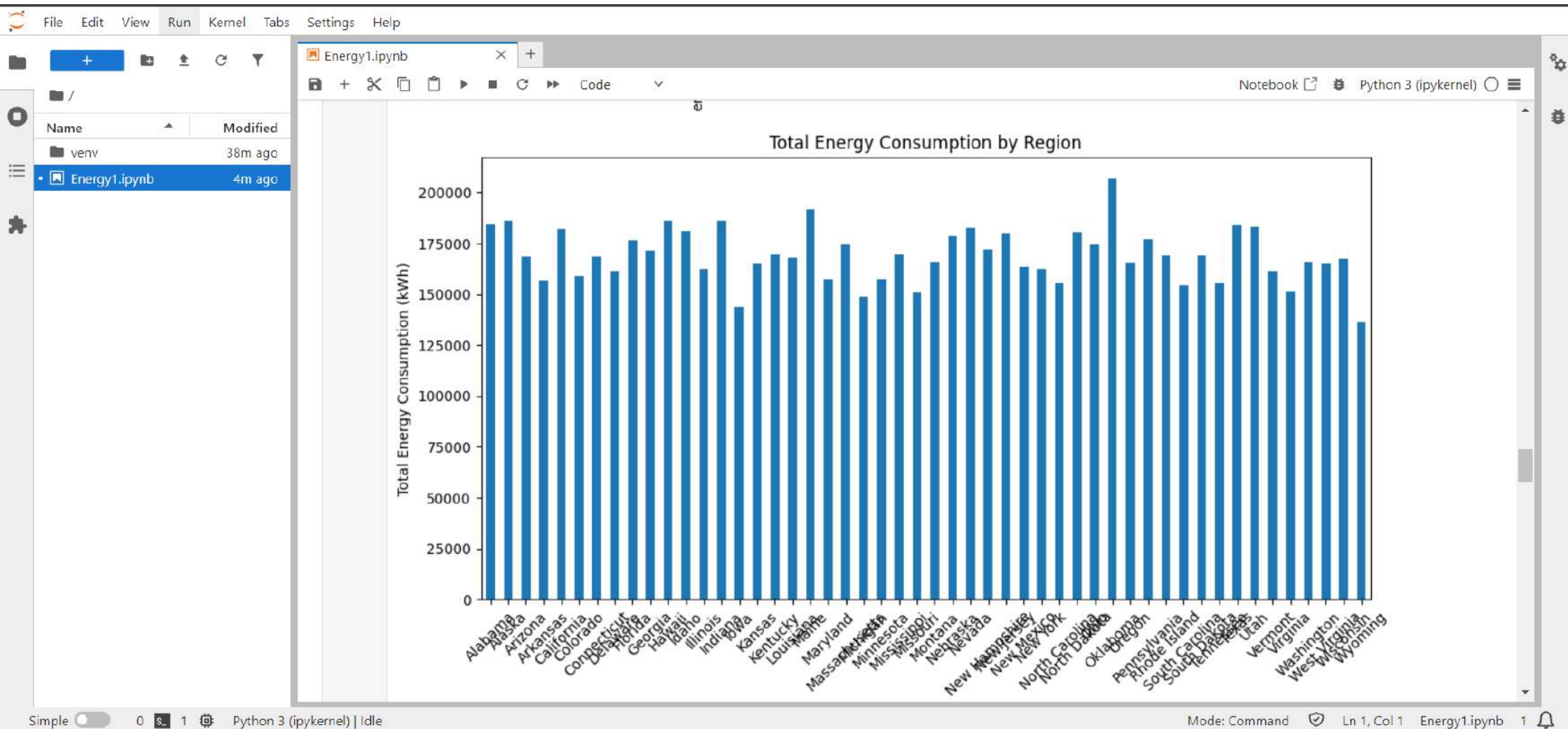
Name	Modified
venv	38m ago
Energy1.ipynb	4m ago

Energy1.ipynb

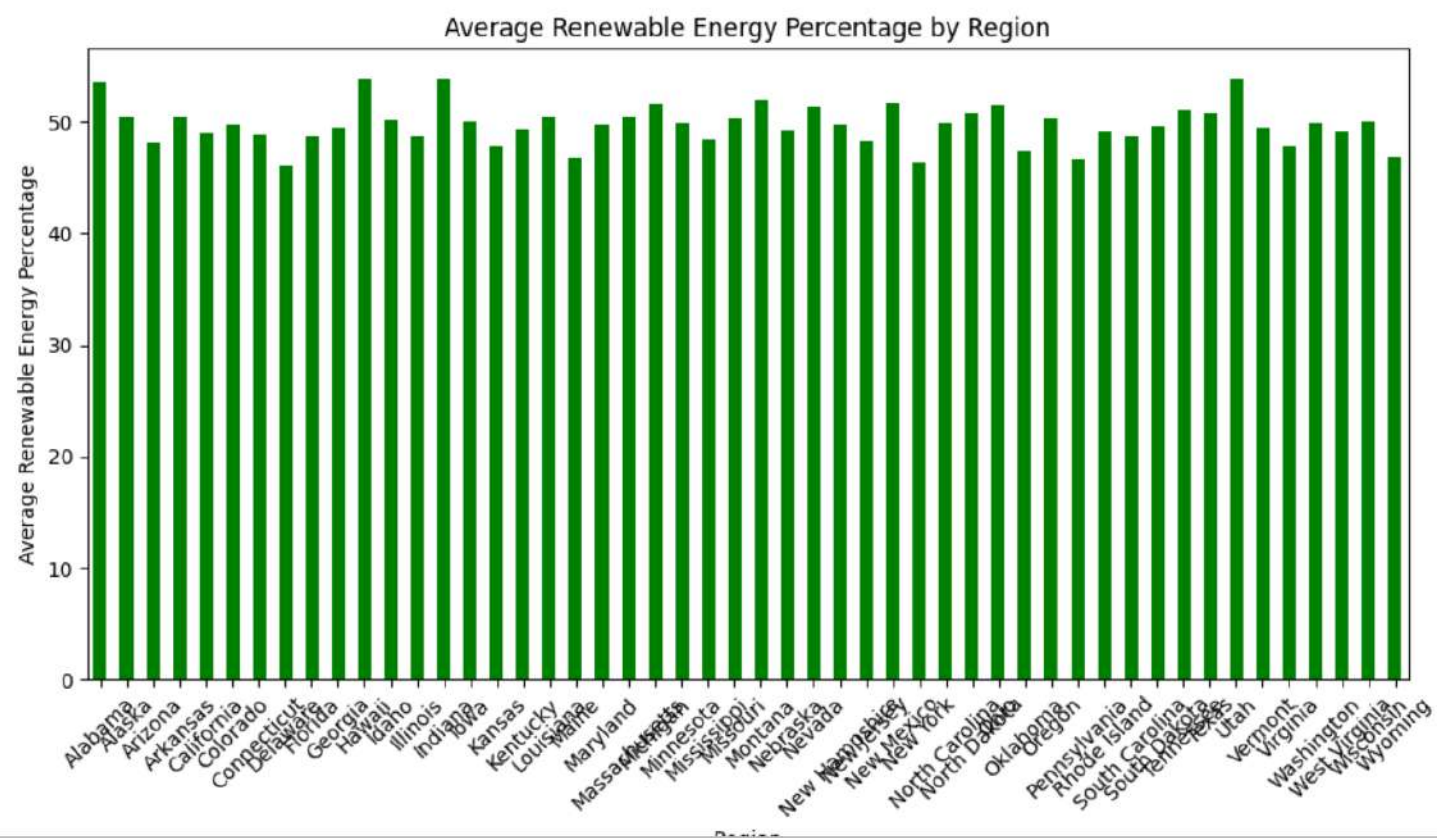
Code

Notebook Python 3 (ipykernel)

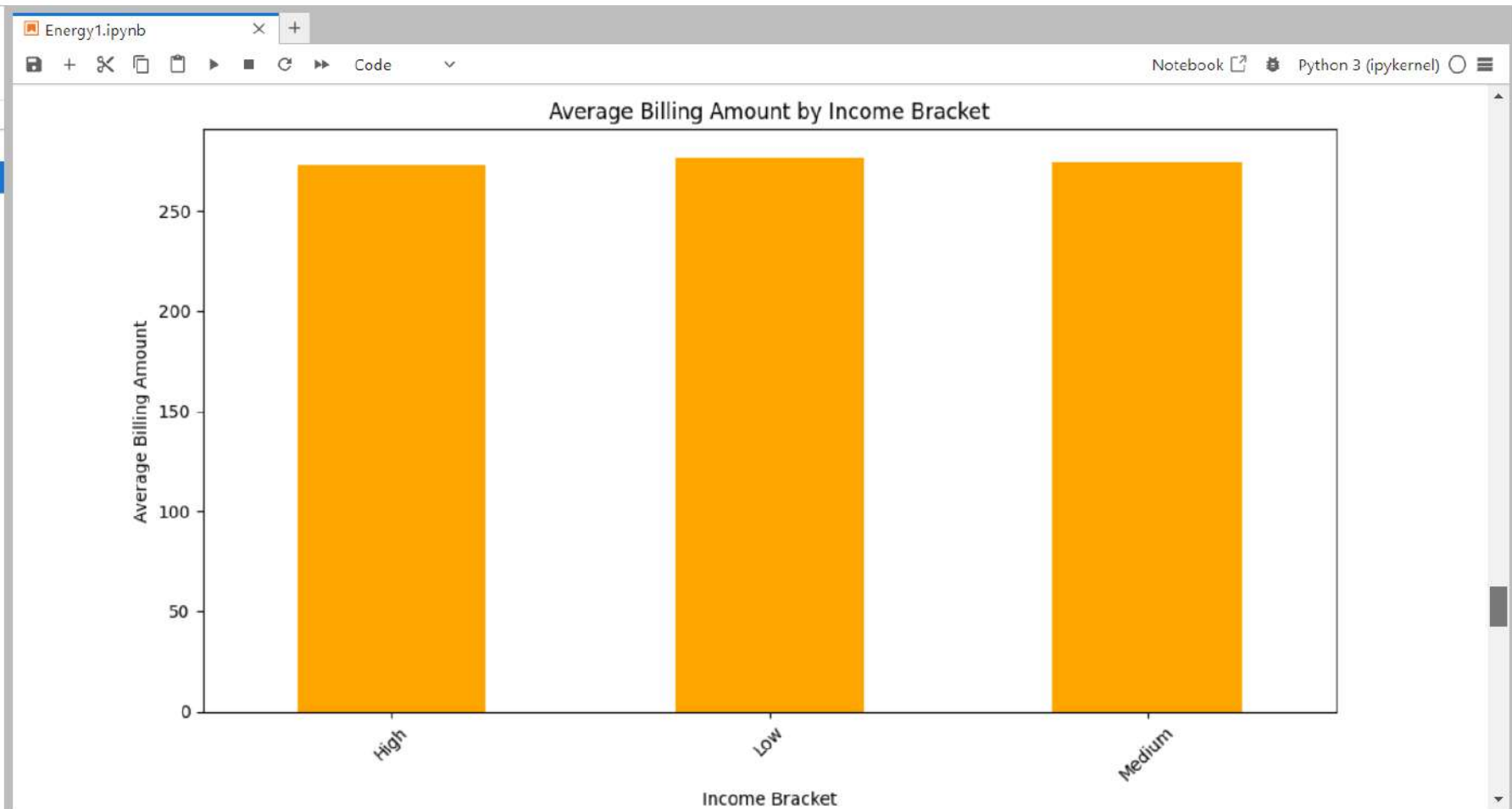


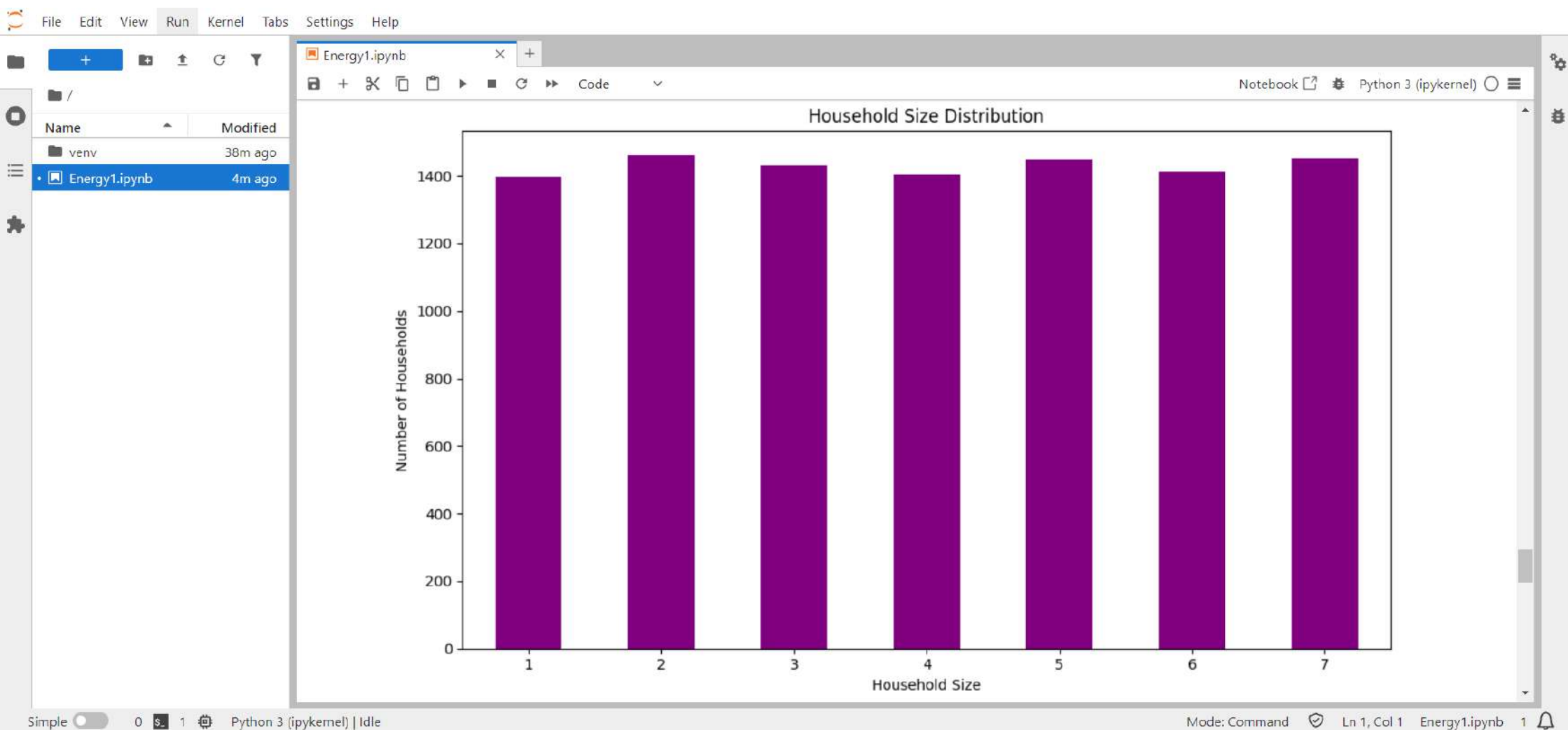


Name	Modified
venv	38m ago
Energy1.ipynb	4m ago

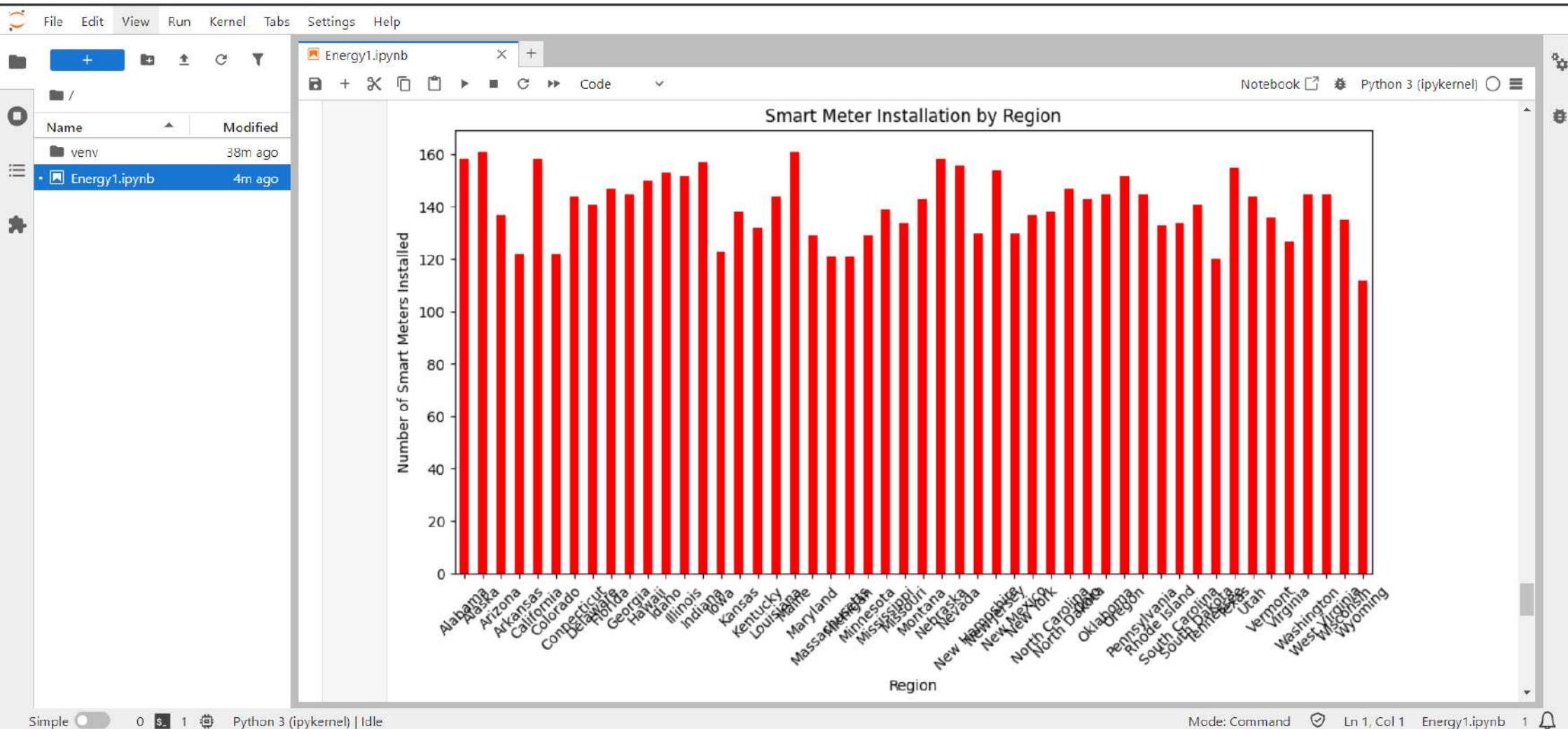


/	
Name	Modified
venv	38m ago
• Energy1.ipynb	4m ago









+

+

↑

↺

⌵

/

Name	Modified
venv	38m ago
• Energy1.ipynb	4m ago

