

```
In [21]: import numpy as np
import pandas as pd

# Load the data from the CSV file
file_path = "D:\house_prices.csv"
data = np.genfromtxt(file_path, delimiter=',', skip_header=1)

data = pd.read_csv(file_path)
print("Dataset Info:")
print(data.info())
```

```
<>:5: SyntaxWarning: invalid escape sequence '\h'
<>:5: SyntaxWarning: invalid escape sequence '\h'
C:\Users\Windows10\AppData\Local\Temp\ipykernel_6352\556009342.py:5: SyntaxWarning:
invalid escape sequence '\h'
    file_path = "D:\house_prices.csv"
Dataset Info:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 169855 entries, 0 to 169854
Data columns (total 2 columns):
#   Column  Non-Null Count  Dtype
---  -
0   Index    169855 non-null    int64
1   Price    169855 non-null    int64
dtypes: int64(2)
memory usage: 2.6 MB
None
```

```
In [16]: # Calculate the average house price
average_price = np.mean(data)
print(f"Average House Price: {average_price}")
```

Average House Price: 50374.32274881517

```
In [18]: # Identify house prices above the average
high_prices = data[data > average_price]
print(high_prices)
```

[ 75000. 52778. 58500. ... 187528. 187529. 187530.]

```
In [19]: # Save the List of high prices to a new CSV file
output_file_path = "Downloads\high_prices.csv"
np.savetxt(output_file_path, high_prices, delimiter=',', header="High Prices", comm

print(f"High prices saved to: {output_file_path}")
```

```
<>:2: SyntaxWarning: invalid escape sequence '\h'
<>:2: SyntaxWarning: invalid escape sequence '\h'
C:\Users\Windows10\AppData\Local\Temp\ipykernel_6352\2582174664.py:2: SyntaxWarning:
invalid escape sequence '\h'
    output_file_path = "Downloads\high_prices.csv"
High prices saved to: Downloads\high_prices.csv
```

```
In [ ]:
```