In [8]:
```
import numpy as np
import csv
# Read house prices from CSV (assuming prices are in one column)
house_prices = np.loadtxt("C:\\Users\\satye\\Downloads\\house_prices.csv", delimite

print("House Prices Loaded:", house_prices)
```

```
House Prices Loaded: [[0.00000e+00 6.00000e+03]
 [1.00000e+00 1.37990e+04]
 [2.00000e+00 1.75000e+04]
 ...
 [1.87528e+05 4.34300e+03]
 [1.87529e+05 4.23100e+03]
 [1.87530e+05 6.16200e+03]]
```

In [9]:
```
# Calculate the average price
average_price = np.mean(house_prices)
print(f"Average House Price: {average_price:.2f}")
```

```
Average House Price: 50374.32
```

In [10]:
```
# Filter prices above average
high_prices = house_prices[house_prices > average_price]

print("\nHouse Prices Above Average:")
print(high_prices)
```

```
House Prices Above Average:
[ 75000.  52778.  58500. ... 187528. 187529. 187530.]
```

In [11]:
```
# Save high prices to a new CSV file
np.savetxt("high_prices.csv", high_prices, delimiter=",", fmt="%.2f", header="High

print("\nHigh prices saved to 'high_prices.csv'.")
```

```
High prices saved to 'high_prices.csv'.
```

In [ ]:
```

```