In [1]:
```
import pandas as pd
import matplotlib.pyplot as plt
```

In [2]:
```
data = pd.read_csv('House Price India.csv')
```

In [10]:
```
data.head()
```

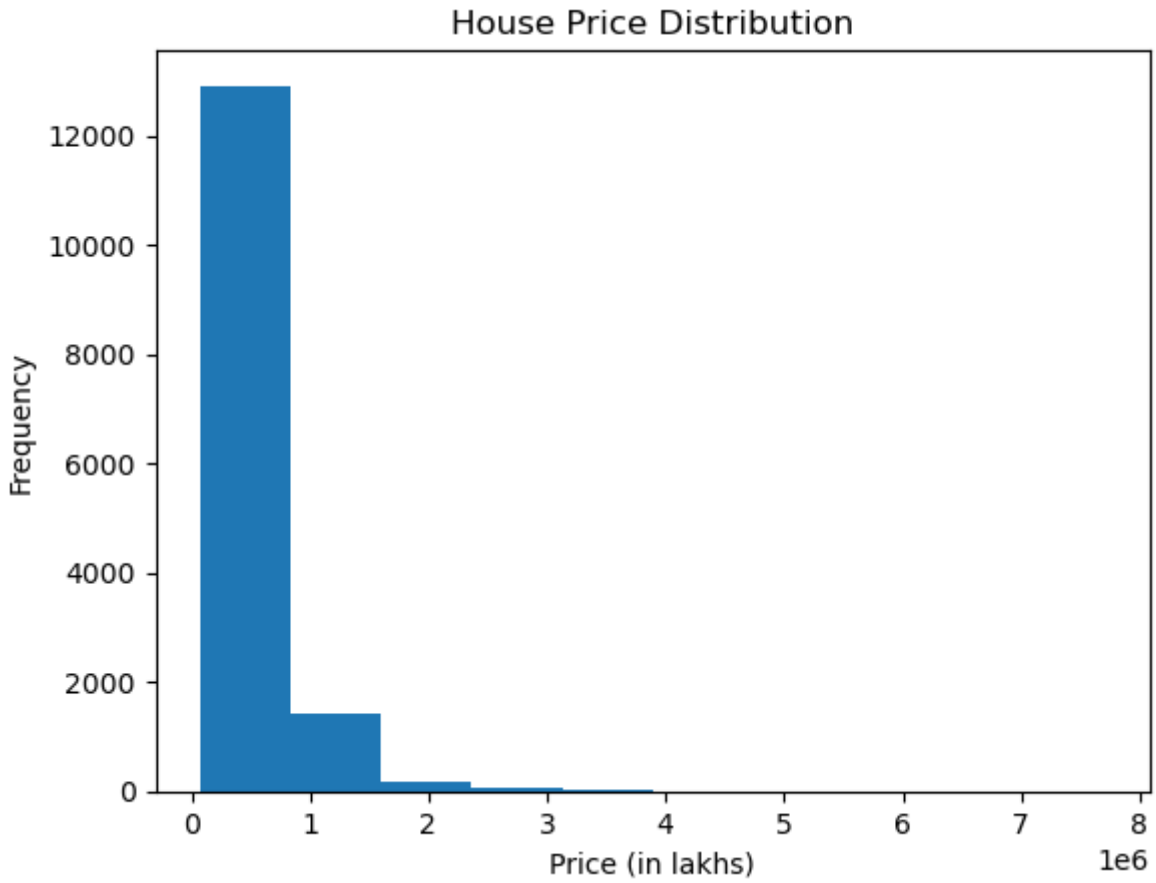
Out[10]:

	id	Date	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of views	condit of ho
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	

5 rows × 23 columns

In [3]:
```
price = data['Price']
```

In [4]:
```
plt.hist(price, bins=10)
plt.title('House Price Distribution')
plt.xlabel('Price (in lakhs)')
plt.ylabel('Frequency')
plt.show()
```



In [5]:
```
mean = price.mean()
median = price.median()
mode = price.mode().values[0]
```

In [6]:
```
print('Mean:', mean)
print('Median:', median)
print('Mode:', mode)
```

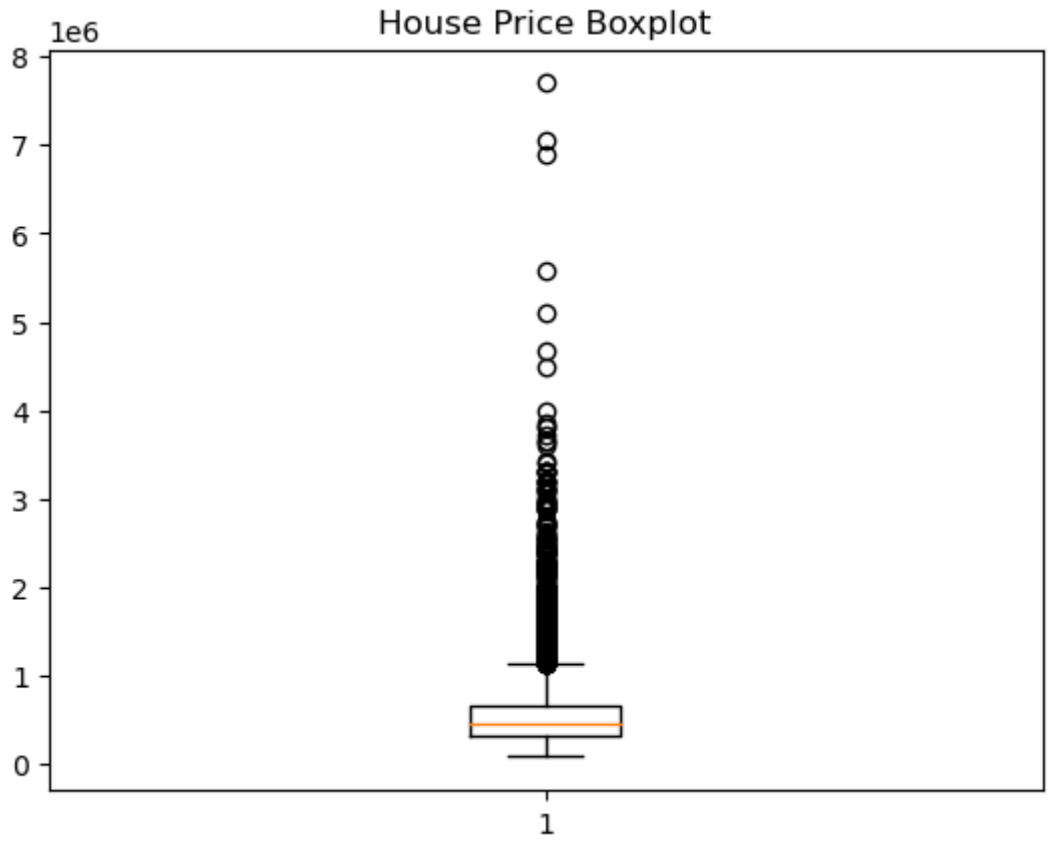
```
Mean: 538932.2183310534
Median: 450000.0
Mode: 450000
```

In [7]:
```
variance = price.var()
std_dev = price.std()
```

In [8]:
```
print('Variance:', variance)
print('Standard Deviation:', std_dev)
```

```
Variance: 135080050939.43213
Standard Deviation: 367532.3808039669
```

In [9]:
```
plt.boxplot(price)
plt.title('House Price Boxplot')
plt.show()
```



In [ ]: