

```
import matplotlib.pyplot as plt
import pandas as pd
```

```
zn_data = housing_data['ZN']
indus_data = housing_data['INDUS']
```

```
plt.style.use('seaborn-whitegrid') # Example style, replace with your choice
```

```
plt.figure(figsize=(12, 8))
```

```
plt.plot(zn_data, color='green', label='ZN')
```

```
plt.plot(indus_data, color='blue', linestyle='--', label='INDUS')
```

```
plt.xlabel('X-axis Label')
plt.ylabel('Y-axis Label')
plt.title('ZN and INDUS Plot')
plt.legend()
```

```
plt.show()
```

```

import matplotlib.pyplot as plt

col1_data = dummy_data['col1']
col2_data = dummy_data['col2']

fig, ax = plt.subplots()

plt.title("Bar Chart of Col1 and Col2")

bar_width = 0.35
index = range(len(col1_data))

rects1 = ax.bar(index, col1_data, bar_width, label='Col1')
rects2 = ax.bar([i + bar_width for i in index], col2_data, bar_width, label='Col2')

ax.set_xlabel('Categories')
ax.set_ylabel('Values')
ax.set_xticks([i + bar_width/2 for i in index])
ax.set_xticklabels(index)

fig, ax = plt.subplots()

index = range(len(col1_data))
rects1 = ax.barh(index, col1_data, bar_width, label='Col1')
rects2 = ax.barh([i + bar_width for i in index], col2_data, bar_width, label='Col2')

ax.set_ylabel('Categories')
ax.set_xlabel('Values')
ax.set_yticks([i + bar_width/2 for i in index])
ax.set_yticklabels(index)

ax.legend(loc='upper right')

plt.show()

```

```
import pandas as pd
import matplotlib.pyplot as plt
```

```
num_bins = 20
```

```
plt.hist(housing_data['MEDV'], bins=num_bins, edgecolor='k', alpha=0.75)
```

```
plt.xlabel('MEDV (Median Home Value)')
plt.ylabel('Frequency')
plt.title('Histogram of MEDV in Housing Data')
```

```
plt.show()
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