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```
[5]: import pandas as pd
import numpy as np

# 1. Load data (You already did this)
df = pd.read_csv("USA_Housing.csv")

# 2. Let's create a 'Predicted_Price' for demonstration
# (In a real scenario, this comes from your model's math:  $y = mx + b$ )
# For now, Let's just say we predict everything is the average price
mean_price = df['Price'].mean()
df['Predicted_Price'] = mean_price

# 3. Calculate the "Error" (Difference)
df['Error'] = df['Price'] - df['Predicted_Price']
```

```
[6]: MAE = np.mean(np.abs(df['Error']))
print(f"Mean Absolute Error: {MAE}")

Mean Absolute Error: 282275.20709891006
```

```
[7]: MSE = np.mean(df['Error']**2)
print(f"Mean Squared Error: {MSE}")

Mean Squared Error: 124667119790.60112
```

```
[8]: RMSE = np.sqrt(MSE)
print(f"RMSE: {RMSE}")

RMSE: 353082.3130526381
```