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import pandas as pd
import numpy as np
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import train_test_split
from sklearn.metrics import mean_squared_error
import matplotlib.pyplot as plt
data = {
    'SqFt': [1500, 1800, 2400, 3000, 3500],
    'Bedrooms': [3, 4, 3, 5, 4],
    'Bathrooms': [2, 2, 3, 4, 3],
    'Price': [400000, 500000, 600000, 650000, 700000]
}
df = pd.DataFrame(data)

X = df[['SqFt', 'Bedrooms', 'Bathrooms']]
y = df['Price']

X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=42)
model = LinearRegression()
model.fit(X_train, y_train)
y_pred = model.predict(X_test)

print("Predictions:", y_pred)
print("RMSE:", np.sqrt(mean_squared_error(y_test, y_pred)))
```

```
Predictions: [388000.]
RMSE: 112000.00000000157
```