







```
[99]: y_pred = lm.predict(X_test)

# Evaluate the model using appropriate metrics (e.g., mean squared error, R-squared)
from sklearn.metrics import mean_squared_error, r2_score

mse = mean_squared_error(y_test, y_pred)
r2 = r2_score(y_test, y_pred)

print("Mean Squared Error:", mse)
print("R-squared:", r2)

Mean Squared Error: 54.598848304985864
R-squared: 0.6745414195692494
```

```
[100]: results = pd.DataFrame({'Actual Prices': y_test, 'Predicted Prices': y_pred})
print(results)
```



	Actual Prices	Predicted Prices
358	45.1	47.044774
350	42.3	40.407464
373	52.2	43.376288
399	37.3	39.203583
369	22.8	26.625215
..	...	...
31	25.0	41.373355
283	23.5	32.650541
157	35.6	42.608902
203	46.1	43.395820
208	26.2	28.507189

[83 rows x 2 columns]

[ ]: