```
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.linear_model import LinearRegression
from sklearn.metrics import mean_squared_error, r2_score

data = pd.read_csv('/content/drive/MyDrive/files2/TSLA.csv')

x = data[['High','Low']]
y = data['Volume']

LR = LinearRegression()
```

```
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data = pd.read_csv('/content/drive/MyDrive/files2/TSLA.csv')

# Check the available columns in your DataFrame
print(data.columns)

# Extract features and target variable as dataframes, not lists
x = data[['High','Low']]
# Replace 'Index' with the actual name of the column containing your
target variable
y = data['Close']  # Example: Assuming 'Close' is your target variable

LR = LinearRegression()

LR.fit(x,y)
```

```
Index(['Date', 'Open', 'High', 'Low', 'Close', 'Adj Close', 'Volume'],
dtype='object')
```

```
LinearRegression()
```

```
user_High = float(input("Enter High Value: "))
user_Low = float(input("Enter Low value: "))

user_input = pd.DataFrame({'High': [user_High], 'Low': [user_Low]})
result = LR.predict(user_input)
print('Volume =', result)

# Round the result to the nearest integer for comparison
result = round(result[0])
```

```
Enter High Value: 5
Enter Low value: 3.5
Volume = [4.23931896]
```