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

from google.colab import drive
drive.mount('/content/drive')
```

```
Mounted at /content/drive
```

```python
data = pd.read_csv('/content/drive/MyDrive/archive
(5)/ecommerce_product_dataset.csv')

x = data[['Sales','ProductID']]
y = data['Price']

LR = LogisticRegression(max_iter=1000)

from sklearn.linear_model import LinearRegression

# Assuming 'x' and 'y' are already defined as in your code

# Use Linear Regression for continuous target variables
model = LinearRegression()  # Change to LinearRegression
model.fit(x, y)
```

```
LinearRegression()
```

```python
from sklearn.linear_model import LinearRegression

# Assuming 'x' and 'y' are already defined as in your code

# Use Linear Regression for continuous target variables
model = LinearRegression()  # Change to LinearRegression
model.fit(x, y)

# Get user input for Sales and ProductID
sales = float(input("Enter the Sales: "))
product_id = int(input("Enter the ProductID: "))

# Create a new data point with user input
new_data_point = [[sales, product_id]]

# Predict the price using the Linear Regression model
predicted_price = model.predict(new_data_point)[0]  # Use the
LinearRegression model

# Print the predicted price
print("Predicted Price:", predicted_price)1
```

```
Enter the Sales: 466
Enter the ProductID: 1
Predicted Price: 259.7556772983153

/usr/local/lib/python3.10/dist-packages/sklearn/base.py:439:
UserWarning: X does not have valid feature names, but LinearRegression
was fitted with feature names
  warnings.warn(
```