```
import pandas as pd
import numpy as np
from sklearn.model_selection import train_test_split
from sklearn.neighbors import KNeighborsClassifier
from sklearn.metrics import accuracy_score
import matplotlib.pyplot as plt

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

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

k = 3
knn = KNeighborsClassifier(n_neighbors=k)
knn.fit(x,y)
```

```
KNeighborsClassifier(n_neighbors=3)
```

```
new_data = np.array([[10, 1.55]])
predicted_risk = knn.predict(new_data)
print('Volume=', predicted_risk)
if predicted_risk  < 0.5:
    print('Volume is low')
else:
    print('Volumme is high')
```

```
Volume= [15302500]
Volumme is high
```

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