In [1]:

```
import pandas as pd

from joblib import load
from sklearn.neighbors import KNeighborsClassifier
```

In [6]:

```
train = pd.read_csv('./csv/ItemInfo_train.csv')
train = train[['metroID', 'locationID', 'lat', 'lon']]
train = train[train['metroID'].notnull()]
```

In [7]:

```
train_X = train[['locationID', 'lat', 'lon']].values
train_y = train['metroID'].values
```

In [2]:

```
test = pd.read_csv('./csv/ItemInfo_test.csv')
test = test[['metroID', 'locationID', 'lat', 'lon']]
test = test[test['metroID'].notnull()]
```

In [3]:

```
test_X = test[['locationID', 'lat', 'lon']].values
test_y = test['metroID'].values
```

In [4]:

```
clf = load('knn_model')
clf.score(test_X, test_y)
```

Out[4]:

```
0.9921893230484451
```