```python
# Basic packages
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
# Sklearn modules & classes
from sklearn.linear_model import Perceptron, LogisticRegression
from sklearn.svm import SVC
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import StandardScaler
from sklearn import datasets
from sklearn import metrics
```

```python
# Load the data set; In this example, the breast cancer dataset is loaded.
bc = datasets.load_breast_cancer()
X = bc.data
y = bc.target
print(X.shape)
print(y.shape)
# Create training and test split
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.3, random_state=1, stratify=y)
```

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(569, 30)
(569,)
```

```python
sc = StandardScaler()
sc.fit(X_train)
X_train_std = sc.transform(X_train)
X_test_std = sc.transform(X_test)
```

```python
# Instantiate the Support Vector Classifier (SVC)
svc = SVC(C=1.0, random_state=1, kernel='linear')
# Fit the model
svc.fit(X_train_std, y_train)
```

```
▼              SVC
SVC(kernel='linear', random_state=1)
```

```python
# Make the predictions
y_predict = svc.predict(X_test_std)
# Measure the performance
print("Accuracy score %.3f" %metrics.accuracy_score(y_test, y_predict))
```

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Accuracy score 0.953
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