



Ask
Tai

⁵
Inbox

What's
new

?
Support

Reset
lab



File Edit View Run Kernel Tabs Settings Help



Filter files by name



/ DS0203EN / module_4 /



Name	Modified
SpaceX_Machin...	20s ago

Launcher



SpaceX_Machine Learn



```
# Fit the scaler to X and transform it
X = transform.fit_transform(X)
# students get this
transform = preprocessing.StandardScaler()

print(X.mean(axis=0)) # should be close to 0
print(X.std(axis=0))  # should be close to 1
```

```
[ 1.48029737e-17 -1.97372982e-17 -2.71
 3.57738530e-17 -8.63506797e-18 -8.94
-8.63506797e-18  9.37521665e-17 -7.40
-2.22044605e-17 -8.94346325e-18  2.28
-1.48029737e-17  2.71387850e-17 -3.20
-1.35693925e-17 -1.48029737e-17  6.16
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18 -8.63506797e-18 -8.63
-8.63506797e-18  5.55111512e-18 -8.63
 5.55111512e-18 -8.63506797e-18  5.55
-8.63506797e-18 -8.63506797e-18  5.55
-3.08395285e-18 -8.63506797e-18 -8.63
 5.55111512e-18  6.47630098e-17  4.93
-4.81096644e-17 -8.63506797e-18  2.77
-1.48029737e-17  9.86864911e-18 -9.86
 0.00000000e+00 -1.48029737e-17  1.48
-3.70074342e-18 -6.41462192e-17  6.41
[1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.]
```

We split the data into training and testing data