Choice_based_on_variance_of_features

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In [9]:
```
import numpy as np
from sklearn.datasets import make_classification
X, y = make_classification(n_samples=10, n_features=6, n_informative=3, n_redundant=1,
```

In [10]:
```
print("varinace: %s" % np.var(X, axis=0))
```

```
varinace: [1.73496904 1.59543608 0.77501503 1.06763736 1.36888812 0.94894438]
```

In [12]:
```
from sklearn.feature_selection import VarianceThreshold
X_selected = VarianceThreshold(threshold=1.0).fit_transform(X)
print("Before %s" % X[0,:])
print("After %s" % X_selected[0,:])
```

```
Before [ 2.47666699  2.61670519  0.1383552  -2.40368346 -1.15549352 -1.82065517]
After [ 2.47666699  2.61670519 -2.40368346 -1.15549352]
```

In [ ]: