

Exercice ML8.5 - Solution :

Voir solution complète dans les fichiers *MLExo8.5-prix-voiture-FEATURE-SELECTION.py* et *module_Features_Selection.py*

```
# methode = 1 : VarianceThreshold()  
# methode = 2 : SelectKBest(test_dependance, K)  
# methode = 3 : SelectFromModel()  
# methode = 4 : RFECV()
```

```
def Features_Selection(X,Y, methode):  
    if (methode == 1): X_new = FS1(X,Y)  
    if (methode == 2): X_new = FS2(X,Y)  
    if (methode == 3): X_new = FS3(X,Y)  
    if (methode == 4): X_new = FS4(X,Y)
```

```
    return X_new
```

```
i = 4
```

```
X = Features_Selection( X, Y, methode = i )
```