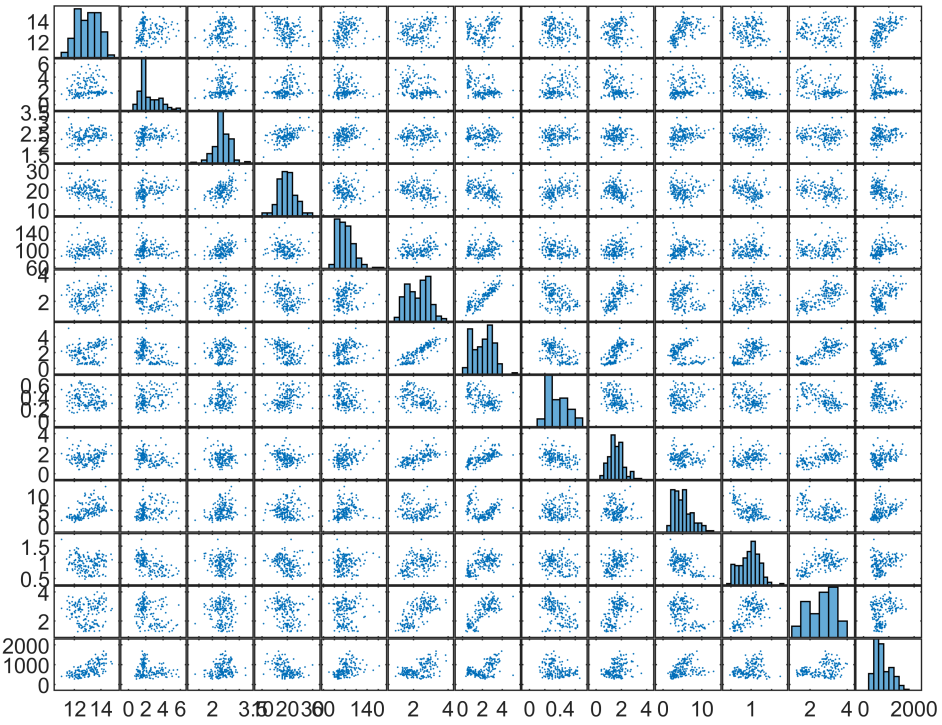
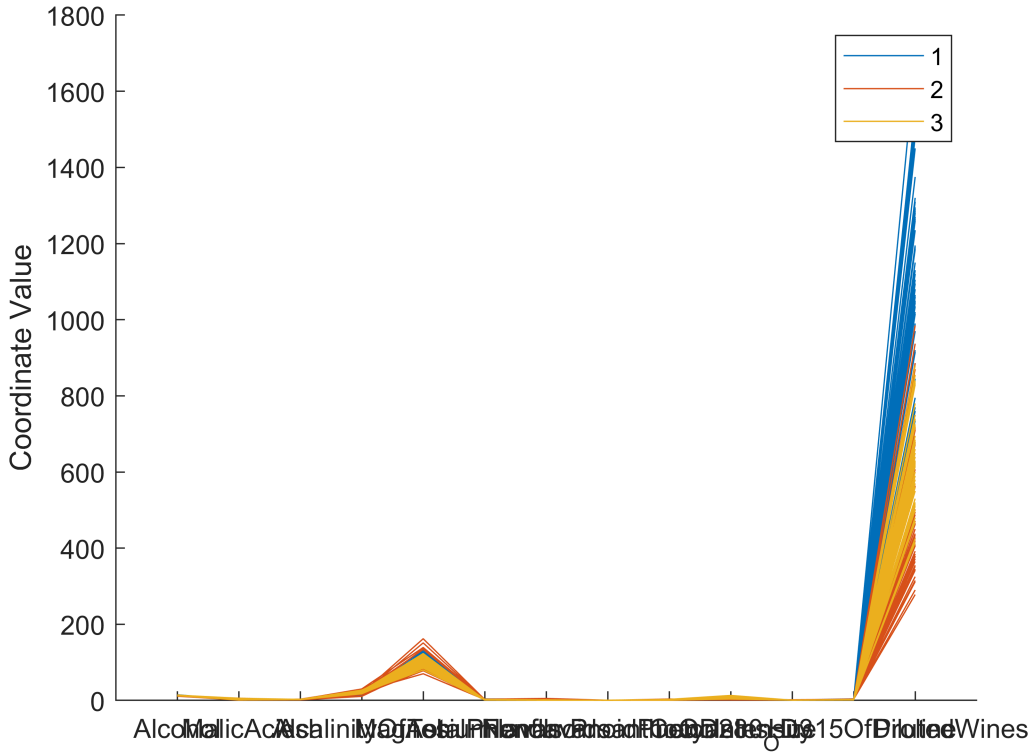
```
predictorNames = {'Alcohol', 'MalicAcid', 'Ash', 'AlcalinityOfAsh', 'Magnesium', 'TotalPhenols
predictors = datasetTable(:,predictorNames);    %determines dependent variables
predictors = table2array(varfun(@double, predictors));
response = datasetTable.Class;  %independent variable. E.g. Wine determined from dependent vari

X = predictors; %dependent values, magnesium etc
Y = response;   %the guess we are trying to evaluate, Which wine corresponds

S = std(X);
M = mean(X);
V = var(X);

%***Scatter Plot***
plotmatrix(X);
```



```
%***Parallel Coords***
%x axis in parallelcoords plot
labels = {'Alcohol', 'MalicAcid', 'Ash', 'AlcalinityOfAsh', 'Magnesium', 'TotalPhenols', 'Flava

%parallel coordinate plot
parallelcoords(X, 'Group', Y, 'Labels', labels);
```



S

```
S = 1×13
    0.8118    1.1171    0.2743    3.3396   14.2825    0.6259    0.9989    0.1245 ···
```

M

```
M = 1×13
   13.0006    2.3363    2.3665   19.4949   99.7416    2.2951    2.0293    0.3619 ···
```

V

```
V = 1×13
10^4 ×
    0.0001    0.0001    0.0000    0.0011    0.0204    0.0000    0.0001    0.0000 ···
```