# Détection de la Fraude

YOUSSFI, Hanane

hanane.youssfi@etu.univ-lyon1.fr

GOGUY, Priscilla

priscilla.goguy@etu.univ-lyon1.fr

ZROUAMA, Emmanuel

kaussaha-emmanuel-re.zrouama@etu.univ-lyon1.fr

REINETTE, Mahlî

mahli.reinette@etu.univ-lyon1.fr

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# Scores Marginaux

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# Userform

Cette seconde partie est consacrée a la création d'interfaces graphique, permettant de communiquer avec nos différentes bases de données, de signaler les potentiels

## 1  Liste Portefeuille

```
Private Sub UserForm_Initialize()
    Dim num_col As Integer
    Dim num_lin As Integer
    num_col = 14
    num_lin = 1
    With Me.ListView1
        .ListItems.Clear
        .Gridlines = True
        With .ColumnHeaders
            .Clear
            .Add 1, , "id", 30
            .Add 2, , "caractere frauduleux", 60
            .Add 3, , "nom", 40
            .Add 4, , "age", 25
            .Add 5, , "date souscription", 50
```

```vba
            .Add 6, , "type sinistre", 50
            .Add 7, , "lieu", 50

            .Add 8, , "date sinistre", 50
            .Add 9, , "date déclaration", 60
            .Add 10, , "météo", 40
            .Add 11, , "déscription", 100
            .Add 12, , "cout", 25
            .Add 13, , "usage", 30
            .Add 14, , "crm", 25
            .Add 15, , "derniere consultation", 70
        End With
        While Worksheets("Sheet1").Cells(num_lin + 1, 1) <> ""
            .ListItems.Add , , Worksheets("Sheet1").Cells(num_lin +
     1, 1)
            .ListItems(num_lin).ListSubItems.Add , , Worksheets("
    Sheet1").Cells(num_lin + 1, 17)
            Dim j As Integer
            For j = 2 To num_col
                .ListItems(num_lin).ListSubItems.Add , , Worksheets
    ("Sheet1").Cells(num_lin + 1, j)
            Next j
            num_lin = num_lin + 1
        Wend
    End With
    Worksheets("options").Cells(2, 1) = num_col
    Worksheets("options").Cells(2, 2) = num_lin
    Dim num_lin_reg As Integer
    num_lin_reg = 1

    With Me.ListView2
        .ListItems.Clear
        .Gridlines = True
        With .ColumnHeaders
            .Clear
            .Add 1, , "id", 30
            .Add 2, , "score", 40
            .Add 3, , "nom", 40
            .Add 4, , "age", 25
            .Add 5, , "date souscription", 50
            .Add 6, , "type sinistre", 50
            .Add 7, , "lieu", 50

            .Add 8, , "date sinistre", 50
            .Add 9, , "date déclaration", 60
            .Add 10, , "météo", 40
            .Add 11, , "déscription", 100
            .Add 12, , "cout", 25
            .Add 13, , "usage", 30
            .Add 14, , "crm", 25
            .Add 15, , "derniere consultation", 70
        End With
        While Worksheets("register").Cells(num_lin_reg + 1, 1) <>
    ""
            .ListItems.Add , , Worksheets("register").Cells(
    num_lin_reg + 1, 1)
            .ListItems(num_lin_reg).ListSubItems.Add , , Worksheets
    ("register").Cells(num_lin_reg + 1, 16)
            Dim v As Integer
            For v = 2 To num_col
                .ListItems(num_lin_reg).ListSubItems.Add , ,
    Worksheets("register").Cells(num_lin_reg + 1, v)
```

```
71          Next v
72          num_lin_reg = num_lin_reg + 1
73      Wend
74   End With
75   Worksheets("options").Cells(2, 3) = num_lin_reg
76
77 End Sub
```

## 2 Fenêtres Client

## 3 Enregistrement de nouveaux sinistres

## 4 Choix final