

Screens: Screen1 + - ⚙️ 🌐

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when lineOfBestFitButton • Click
do open another screen screenName drawLOBFscreen

when cleanDataButton • Click
do open another screen screenName cleanDataScreen

when makePredictionsButton • Click
do open another screen screenName makePredictionsScreen

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Screens: cleanDataScreen + - ⚙️ 🌐 Designer

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when homeButton • Click
do open another screen screenName Screen1

when showDataButton • Click
do call cleanedChartData2D • Clear
call dataCleaningChartData2D • Clear
call spreadsheet1 • ReadSheet
sheetName • "Monos"

when spreadsheet1 • GotSheetData
sheetData
do set topChartLabel • Text • to "Población de primates"
call cleanedChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true
call dataCleaningChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true
when drawLineOfBestFitButton • Click
do set Trendline1 • ChartData • to cleanedChartData2D

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when detectAnomaliesButton • Click
do call dataCleaningChartData2D • HighlightDataPoints
dataPoints call AnomalyDetection1 • DetectedAnomaliesInChartData
chartData • dataCleaningChartData2D
threshold • 2
color • red

when dataCleaningChartData2D • EntryClick
do if x is in list? thing | make a list | get x | get y
list call AnomalyDetection1 • DetectAnomaliesInChartData
chartData • dataCleaningChartData2D
threshold • 2
then call dataCleaningChartData2D • RemoveEntry
x • get x
y • get y
call cleanedChartData2D • Clear
call cleanedChartData2D • ImportFromList
list | call dataCleaningChartData2D • GetAllEntries

when Trendline1 • Updated
results
do set topSlopeValueLabel • Text • to Trendline1 • LinearCoefficient
set topY_intValueLabel • Text • to Trendline1 • YIntercept
set topCor_coefValueLabel • Text • to Trendline1 • CorrelationCoefficient

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Screens: drawLOBFscreen + - ⚙️ 🌐 Designer

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when homeButton • Click
do open another screen screenName Screen1

when showDataButton • Click
do call topChartData2D • Clear
call bottomChartData2D • Clear
call spreadsheet1 • ReadSheet
sheetName • "Monos"

when spreadsheet1 • GotSheetData
sheetData
do set topChartLabel • Text • to "Población de primates"
call topChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true
call bottomChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true

```

Screens: makePredictionsScreen + - ⚙️ 🌐 Designer

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when homeButton • Click
do open another screen screenName Screen1

when CargarCensoDeMonos • Click
do call cleanedChartData2D • Clear
call dataCleaningChartData2D • Clear
call spreadsheet1 • ReadSheet
sheetName • "Monos"
set dataCleaningHorizontalArrangement • Visible • to true
set AIResponseHorizontalArrangement • Visible • to false

when spreadsheet1 • GotSheetData
sheetData
do set topLabel • Text • to "Población de primates"
call cleanedChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true
call dataCleaningChartData2D • ImportFromSpreadsheet
spreadsheet • spreadsheet1
xColumn • "Year"
yColumn • "Population"
useHeaders • true

```

Screens: makePredictionsScreen + - ⚙️ 🌐 Designer

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when Trendline1 • Updated
results
do set SlopeValueLabel • Text • to Trendline1 • LinearCoefficient
set Y_intValueLabel • Text • to round(Trendline1 • YIntercept)
set Cor_coefValueLabel • Text • to Trendline1 • CorrelationCoefficient
set X_intValueLabel • Text • to round(Trendline1 • XIntercept)
call dataCleaningChart • ExtendDomainToNone
x • Trendline1 • XIntercept

```

Screens: makePredictionsScreen + - ⚙️ 🌐 Designer

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when dataCleaningChartData2D • EntryClick
x • y
do call dataCleaningChartData2D • RemoveEntry
x • get x
y • get y
call cleanedChartData2D • Clear
call cleanedChartData2D • ImportFromList
list | call dataCleaningChartData2D • GetAllEntries

when detectAnomaliesButton • Click
do call dataCleaningChartData2D • HighlightDataPoints
dataPoints call AnomalyDetection1 • DetectedAnomaliesInChartData
chartData • dataCleaningChartData2D
threshold • 2
color • red

when drawLineOfBestFitButton • Click
do set Trendline1 • ChartData • to cleanedChartData2D

```

Screens: makePredictionsScreen + - ⚙️ 🌐 Designer

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when AIAnalysisButton • Click
do set dataCleaningChart • Visible • to false
set dataCleaningHorizontalArrangement • Visible • to false
set AIResponseHorizontalArrangement • Visible • to true
call Notifier1 • ShowProgressDialog
message • "Analizando datos, por favor espera..."
title • "IA trabajando"
call ChatBot1 • converse
question • "Dado los siguientes datos para ciertos años"
Populacion de los primates...
call dataCleaningChartData2D • GetEntries
El coeficiente de correlación para la linea de...
Trendline1 • CorrelationCoefficient
La pendiente de la linea de mejor ajuste es...
Trendline1 • LinearCoefficient
La intersección en Y para la linea de mejor ajuste...
Trendline1 • YIntercept
Primero analiza la tendencia de población de monos...
¿Qué riesgos enfrentan?
En qué año se alcanzaría la recuperación total?
Limita tus respuestas a 120 palabras.

when ChatBot1 • GoResponse
responseText
do call Notifier1 • DismissProgressDialog
set AIResponseTextBox • Text • to get responseText
when ChatBot1 • ErrorOccurred
responseCode
responseText
do call Notifier1 • DismissProgressDialog

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