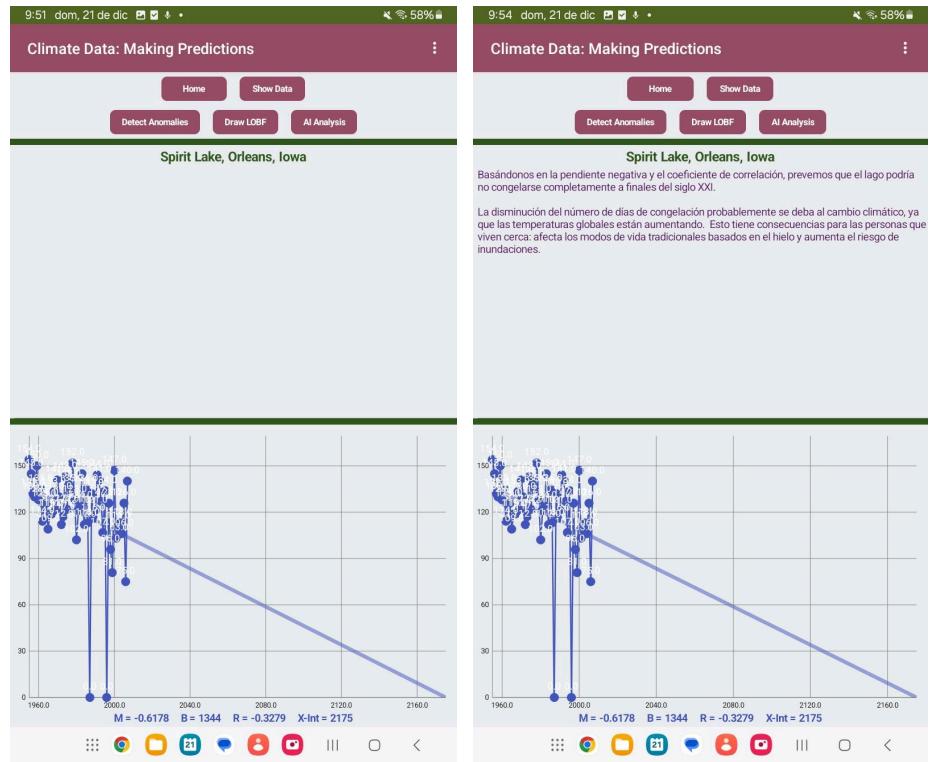
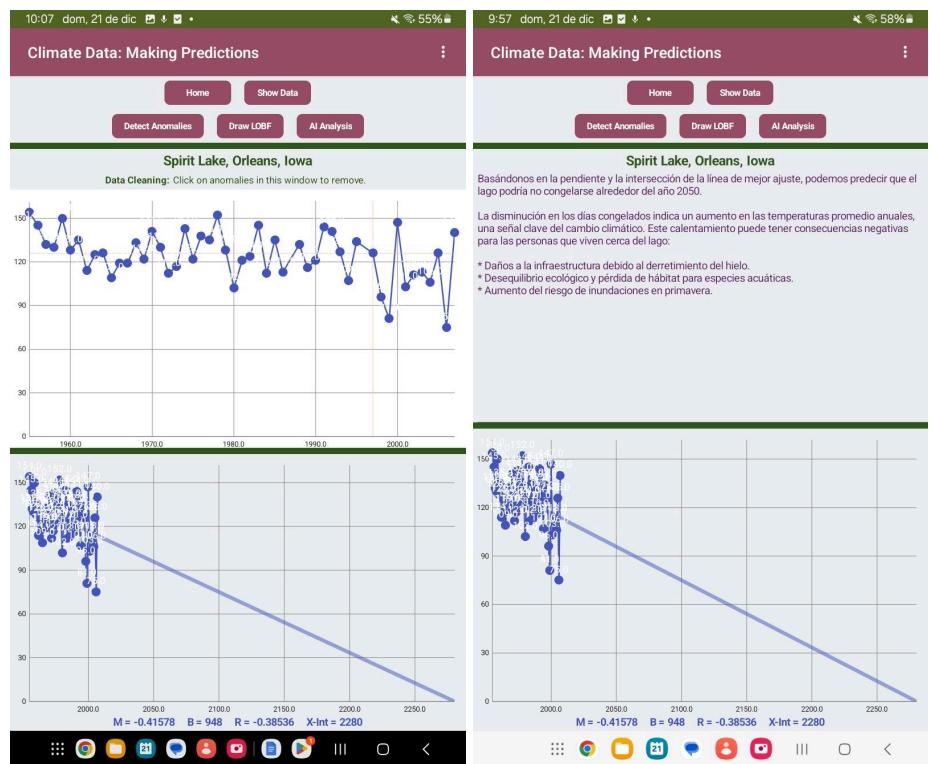




Predicción sin detectar anomalías



Predicción al seleccionar “detectar anomalías”



template2 [Donate to App Inventor](#)

Screens: makePredictionsScreen [+](#) [-](#) [⚙️](#) [🌐](#) [Designer](#)

```

when homeButton .Click
do open another screen screenName [Screen1]

when showDataButton .Click
do call cleanedChartData2D .Clear
call dataCleaningChartData2D .Clear
call spreadsheet1 .ReadSheet
sheetName ["Spirit Lake"]

when spreadsheet1 .GotSheetData
sheetData
do set topChartLabel .Text to ["Spirit Lake, Orleans, Iowa"]
call cleanedChartData2D .ImportFromSpreadsheet
spreadsheet [spreadsheet1]
xColumn ["Year"]
yColumn ["Ice"]
useHeaders [true]
call dataCleaningChartData2D .ImportFromSpreadsheet
spreadsheet [spreadsheet1]
xColumn ["Year"]
yColumn ["Ice"]
useHeaders [true]

when drawLineOfBestFitButton .Click
do set [Trendline1] .ChartData to cleanedChartData2D

when [Trendline1] .Updated
results
do set SlopeValueLabel .Text to [Trendline1] .LinearCoefficient
set Y_intValueLabel .Text to [round -] [Trendline1] .YIntercept
set Cor_coeffValueLabel .Text to [round -] [Trendline1] .CorrelationCoefficient
set X_intValueLabel .Text to [round -] [Trendline1] .XIntercepts
call cleanedDataChart .ExtendDomainToInclude [Trendline1] .XIntercepts

when detectAnomaliesButton .Click
do call dataCleaningChartData2D .HighlightDataPoints
dataPoints call AnomalyDetection1 .DetectedAnomaliesInChartData
charData [dataCleaningChartData2D]
color [red]
threshold [2]

when dataCleaningChartData2D .EntryClick
do call dataCleaningChartData2D .RemoveEntry
x [get x]
y [get y]
call cleanedChartData2D .Clear
call cleanedChartData2D .ImportFromList
list [call dataCleaningChartData2D .GetAllEntries]

when AiAnalysisButton .Click
do set [dataCleaningChart] .Visible to [false]
set [dataCleaningHorizontalArrangement] .Visible to [false]
set [AiResponseHorizontalArrangement] .Visible to [true]
call ChatBot .Converse
question [join [Dados los siguientes datos para el numero anual] [Número de días que el lago de agua dulce estuvo ...] [call dataCleaningChartData2D .GetAllEntries] [El coeficiente de correlación para la linea mejor ...] [Trendline1] .CorrelationCoefficient] [La pendiente de la linea de mejor ajuste es ...] [Trendline1] .LinearCoefficient] [La intersección en "Y" para la linea de mejor aju ...] [Trendline1] .YIntercept] [Primero, predice el año que probablemente no se ...] [¿Cómo se relaciona esta tendencia con el cambio ...] [¿Qué pasa con las personas que viven cerca?] [Limita tus respuestas a 120 palabras]

```

[Inventor](#) Screens: drawLOBFscreen [+](#) [-](#) [⚙️](#) [🌐](#) [Designer](#) [Block](#)

```

when homeButton .Click
do open another screen screenName [Screen1]

when showDataButton .Click
do call topChartData2D .Clear
call bottomChartData2D .Clear
call spreadsheet1 .ReadSheet
sheetName ["Spirit Lake"]

when spreadsheet1 .GotSheetData
sheetData
do set topChartLabel .Text to ["Spirit Lake, Orleans, Iowa"]
call topChartData2D .ImportFromSpreadsheet
spreadsheet [spreadsheet1]
xColumn ["Year"]
yColumn ["Ice"]
useHeaders [true]
call bottomChartData2D .ImportFromSpreadsheet
spreadsheet [spreadsheet1]
xColumn ["Year"]
yColumn ["Temp"]
useHeaders [true]

when drawLineOfBestFitButton .Click
do set topTrendline .ChartData to topChartData2D
set bottomTrendline .ChartData to bottomChartData2D
set topSlopeValueLabel .Text to topTrendline .LinearCoefficient
set topY_intValueLabel .Text to topTrendline .YIntercept
set topCor_coeffValueLabel .Text to topTrendline .CorrelationCoefficient
set bottomSlopeValueLabel .Text to bottomTrendline .LinearCoefficient
set bottomY_intValueLabel .Text to bottomTrendline .YIntercept
set bottomCor_coeffValueLabel .Text to bottomTrendline .CorrelationCoefficient

```



Screens: Screen1

```
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]
```