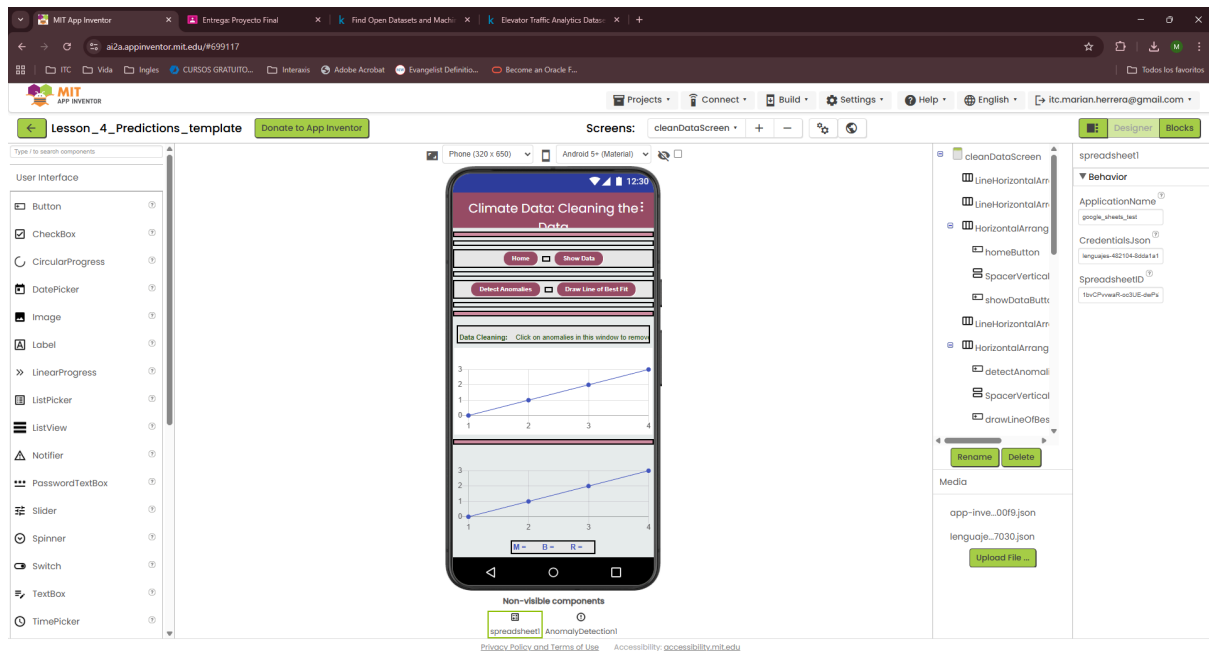# Proyecto Final

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22/Diciembre/2025

Link para mi dataset:

https://docs.google.com/spreadsheets/d/1bvCPvvwaR-oc3UE-dwPsVCuprERyiIKn5M0Koaw E4xY/edit?gid=350368598#gid=350368598
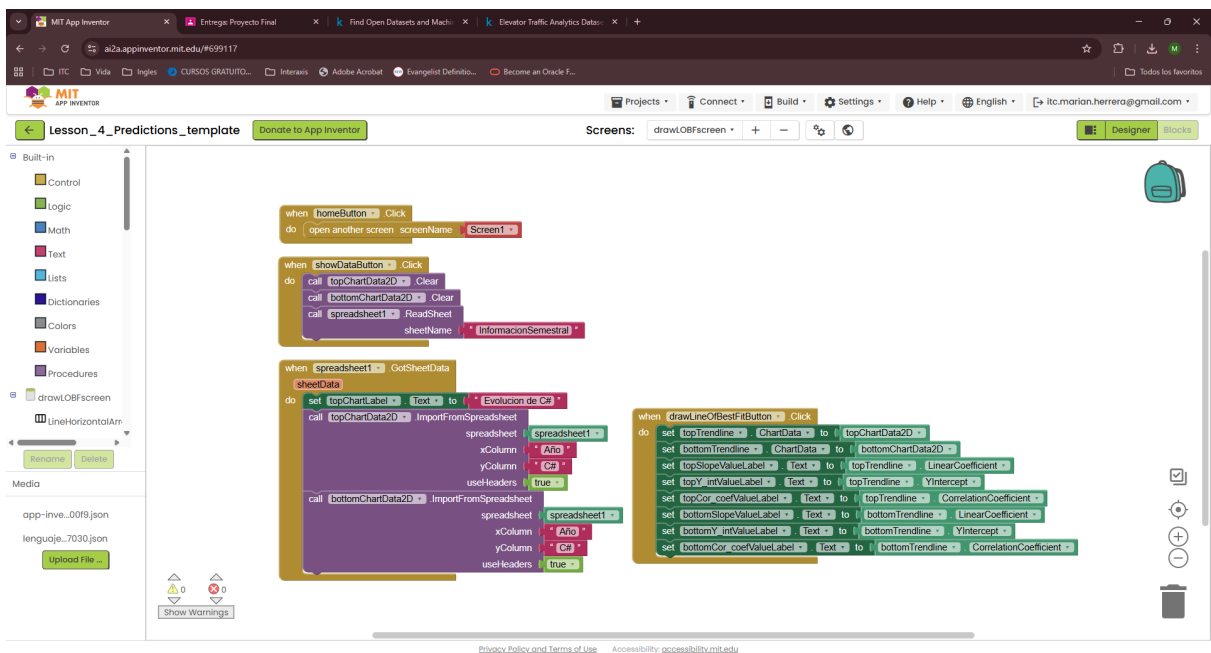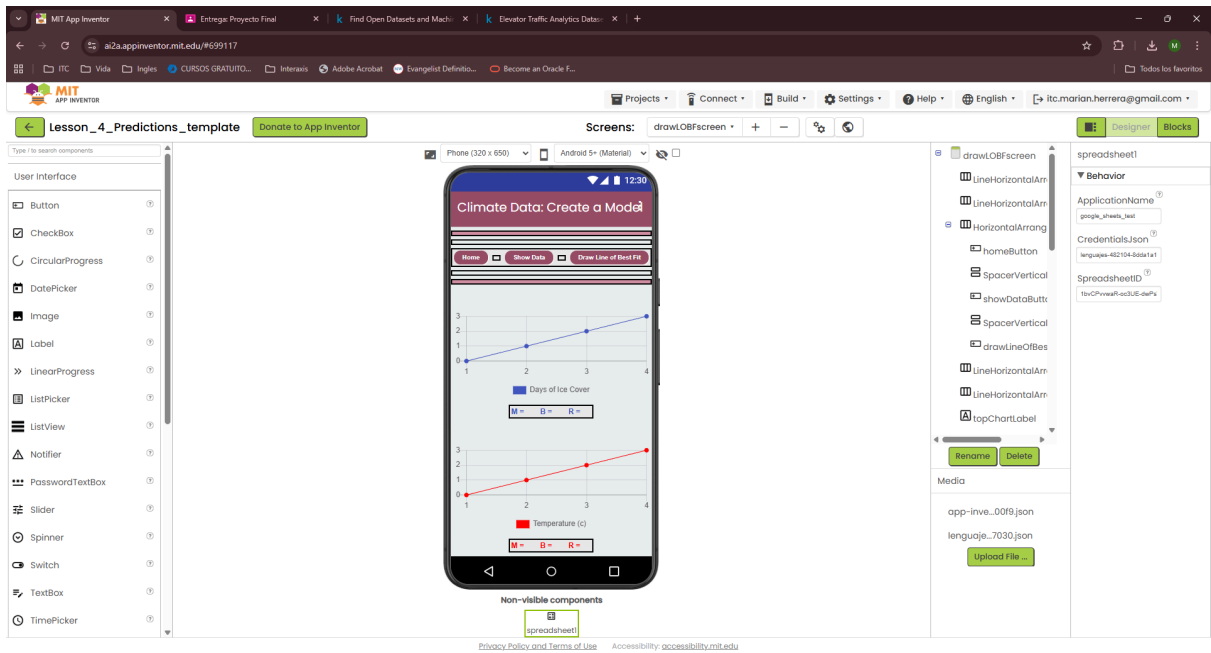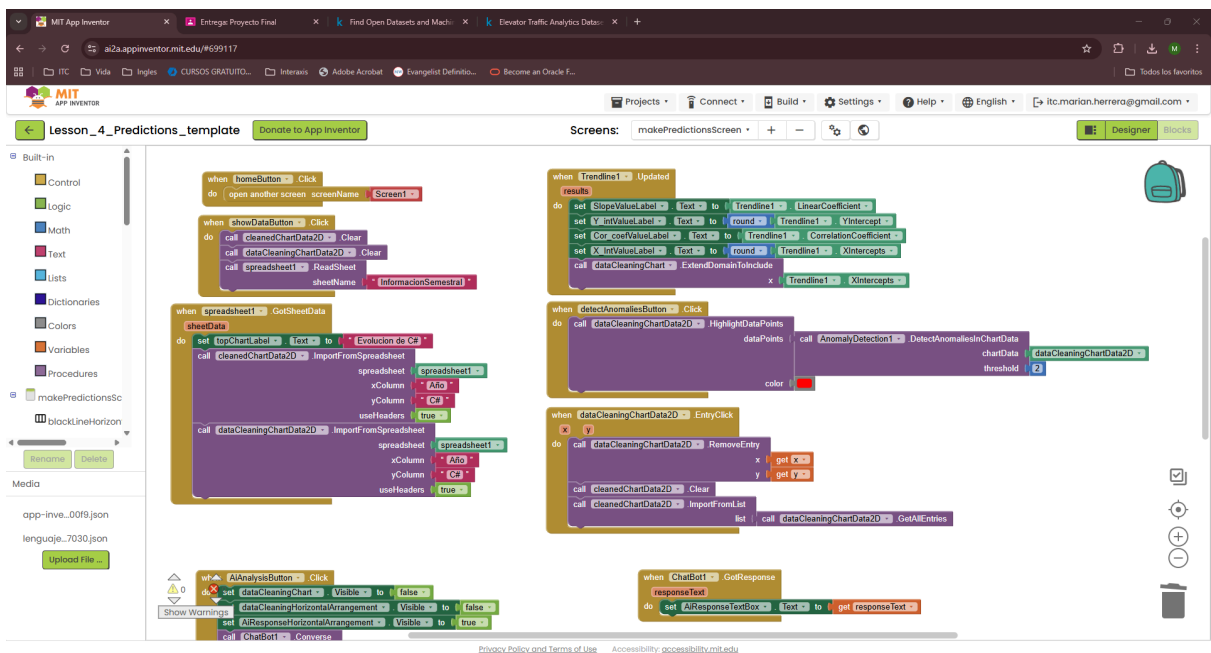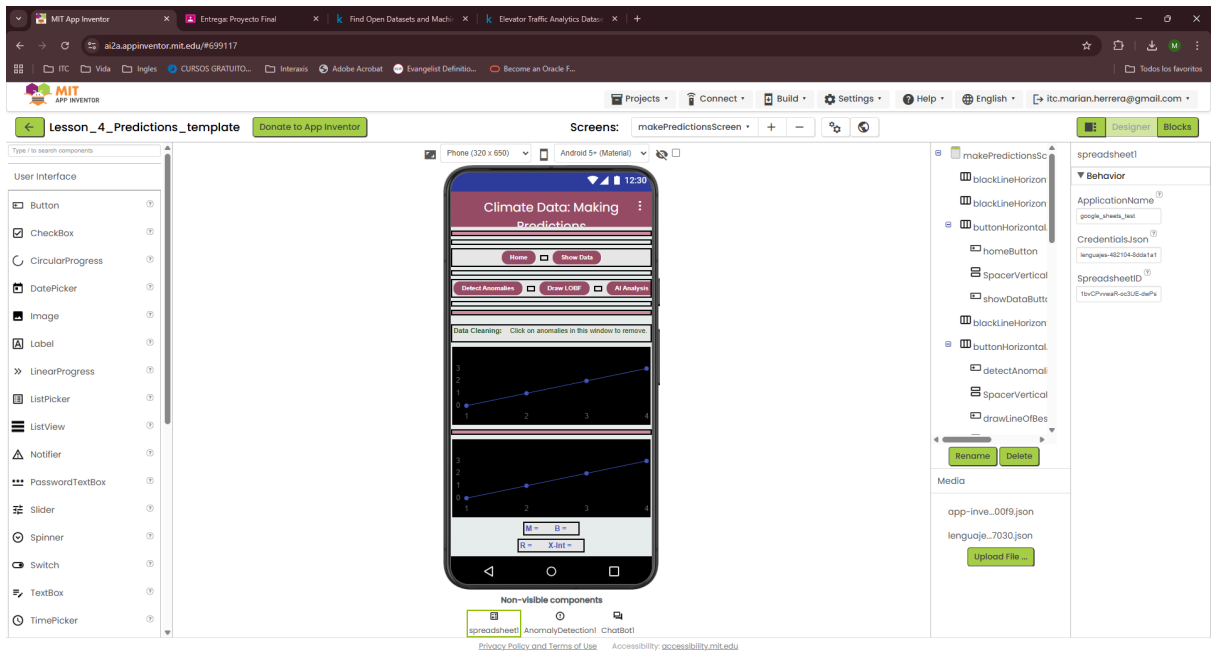
Git: https://github.com/saalej/TCPro-Evidence-Portfolio/tree/main

MIT APP INVENTOR

Projects ▾ | Connect ▾ | Build ▾ | Settings ▾ | Help ▾ | English ▾ | itc.marian.herrera@gmail.com ▾

Lesson_4_Predictions_template   Donate to App Inventor

Screens: drawLOBFscreen ▾ | + | — |

Designer | Blocks

Type to search components

User Interface

- Button
- CheckBox
- CircularProgress
- DatePicker
- Image
- Label
- LinearProgress
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker

Phone (320 x 650) ▾ | Android 5+ (Material) ▾

Climate Data: Create a Model

Home | Show Data | Draw Line of Best Fit

3
2
1
0
   1   2   3   4

■ Days of Ice Cover

M =   B =   R =

3
2
1
0
   1   2   3   4

■ Temperature (c)

M =   B =   R =

Non-visible components

spreadsheet1

drawLOBFscreen
  LineHorizontalArr...
  LineHorizontalArr...
  HorizontalArrang...
    homeButton
    SpacerVertical...
    showDataButto...
    SpacerVertical...
    drawLineOfBes...
  LineHorizontalArr...
  LineHorizontalArr...
  topChartLabel

Rename | Delete

Media

app-inve...00f9.json
lenguaje...7030.json
Upload File ...

spreadsheet1

▼ **Behavior**

ApplicationName
google_sheets_test

CredentialsJson
lenguajes-482104-8dda1a1

SpreadsheetID
1bvCPvveaR-oc3UE-dePa

Built-in
- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

drawLOBFscreen
  LineHorizontalArr...

Rename | Delete

Media

app-inve...00f9.json
lenguaje...7030.json
Upload File ...

```
when homeButton . Click
do  open another screen screenName  Screen1

when showDataButton . Click
do  call topChartData2D . Clear
    call bottomChartData2D . Clear
    call spreadsheet1 . ReadSheet
                sheetName  InformacionSemestral

when spreadsheet1 . GotSheetData
    sheetData
do  set topChartLabel . Text . to   Evolucion de C#
    call topChartData2D . ImportFromSpreadsheet
                spreadsheet  spreadsheet1
                   xColumn   Año
                   yColumn   C#
                useHeaders  true
    call bottomChartData2D . ImportFromSpreadsheet
                spreadsheet  spreadsheet1
                   xColumn   Año
                   yColumn   C#
                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_coefValueLabel . Text . to  topTrendline . CorrelationCoefficient
    set bottomSlopeValueLabel . Text . to  bottomTrendline . LinearCoefficient
    set bottomY_intValueLabel . Text . to  bottomTrendline . YIntercept
    set bottomCor_coefValueLabel . Text . to  bottomTrendline . CorrelationCoefficient
```

0 0

Show Warnings

```
when AiAnalysisButton .Click
do  set dataCleaningChart . Visible to false
    set dataCleaningHorizontalArrangement . Visible to false
    set AiResponseHorizontalArrangement . Visible to true
    call ChatBot1 .Converse
              question  join  " Dados los siguientes datos para revisar la evolu… "
                              " Rango promedio de decremento o incremento visto … "
                              call dataCleaningChartData2D .GetAllEntries
                              " El coeficiente de correlación para la línea de m… "
                              Trendline1 . CorrelationCoefficient
                              " La pendiente de la línea de mejor ajuste es… "
                              Trendline1 . LinearCoefficient
                              " La intersección en "Y" para la línea de mejor aj… "
                              Trendline1 . YIntercept
                              " Primero, predice cual será el uso promedio de es… "
                              " ¿Còmo se relaciona està tendencia con el uso de … "
                              " ¿Comó afecta su uso la evolución de otros lengua… "
                              " Limita tus respuestas a 120 palabras. "
```

```
when ChatBot1 .GotResponse
     responseText
do  set AiResponseTextBox . Text to get responseText
```

```
when drawLineOfBestFitButton .Click
do  set Trendline1 . ChartData to cleanedChartData2D
```