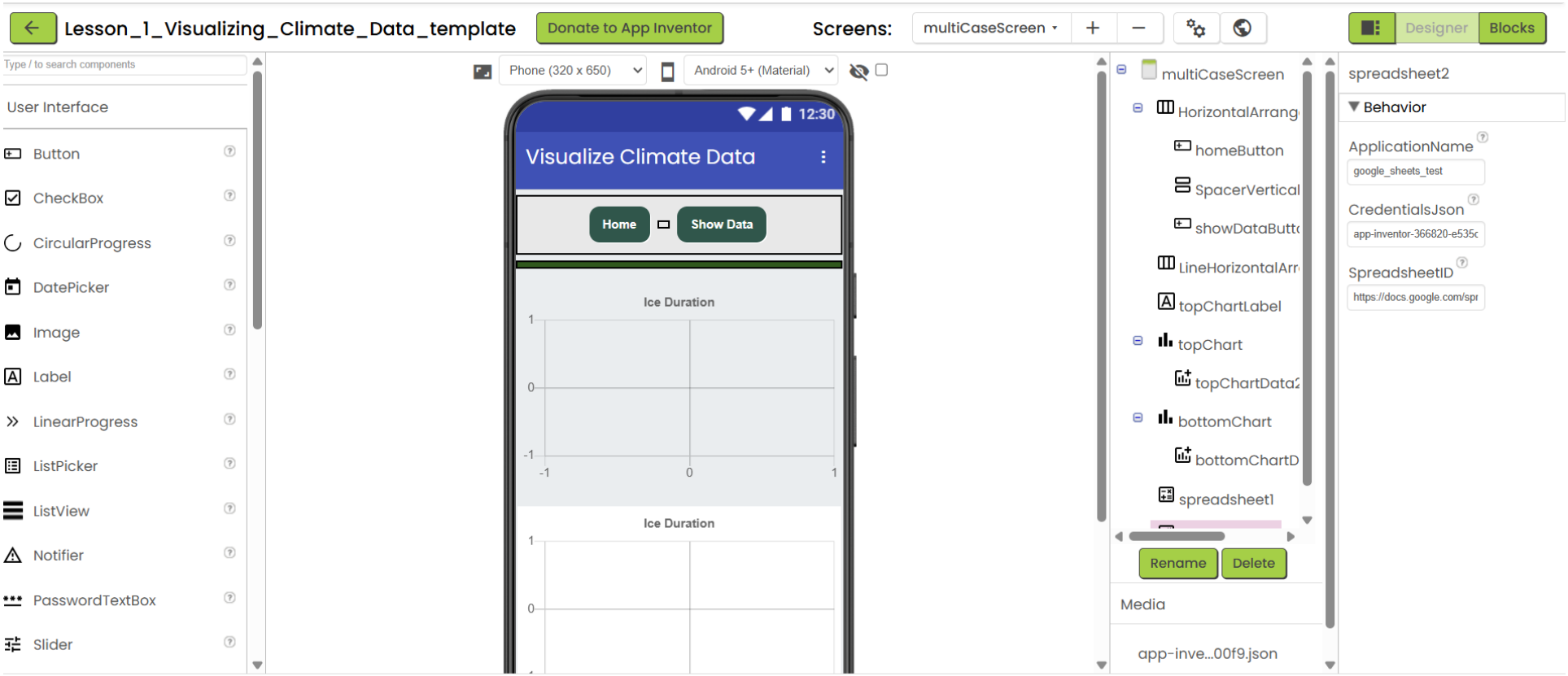
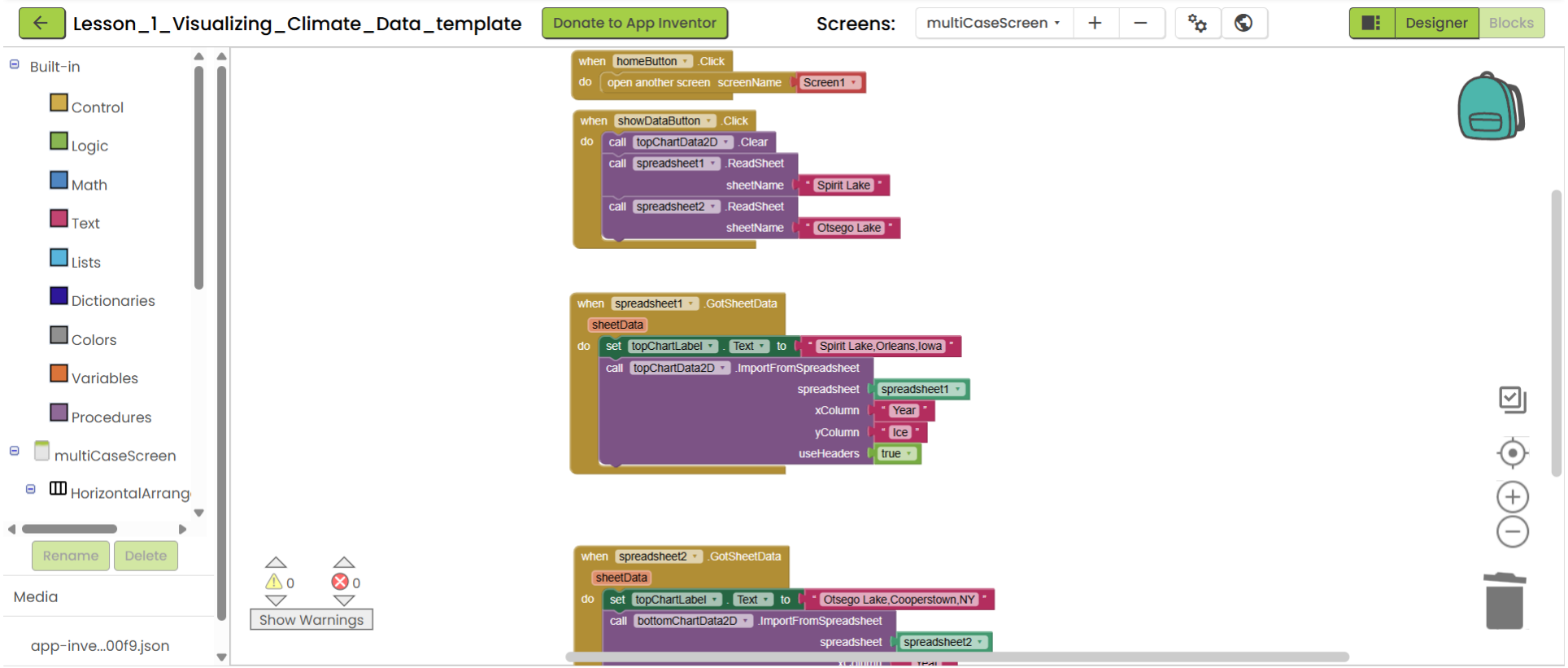
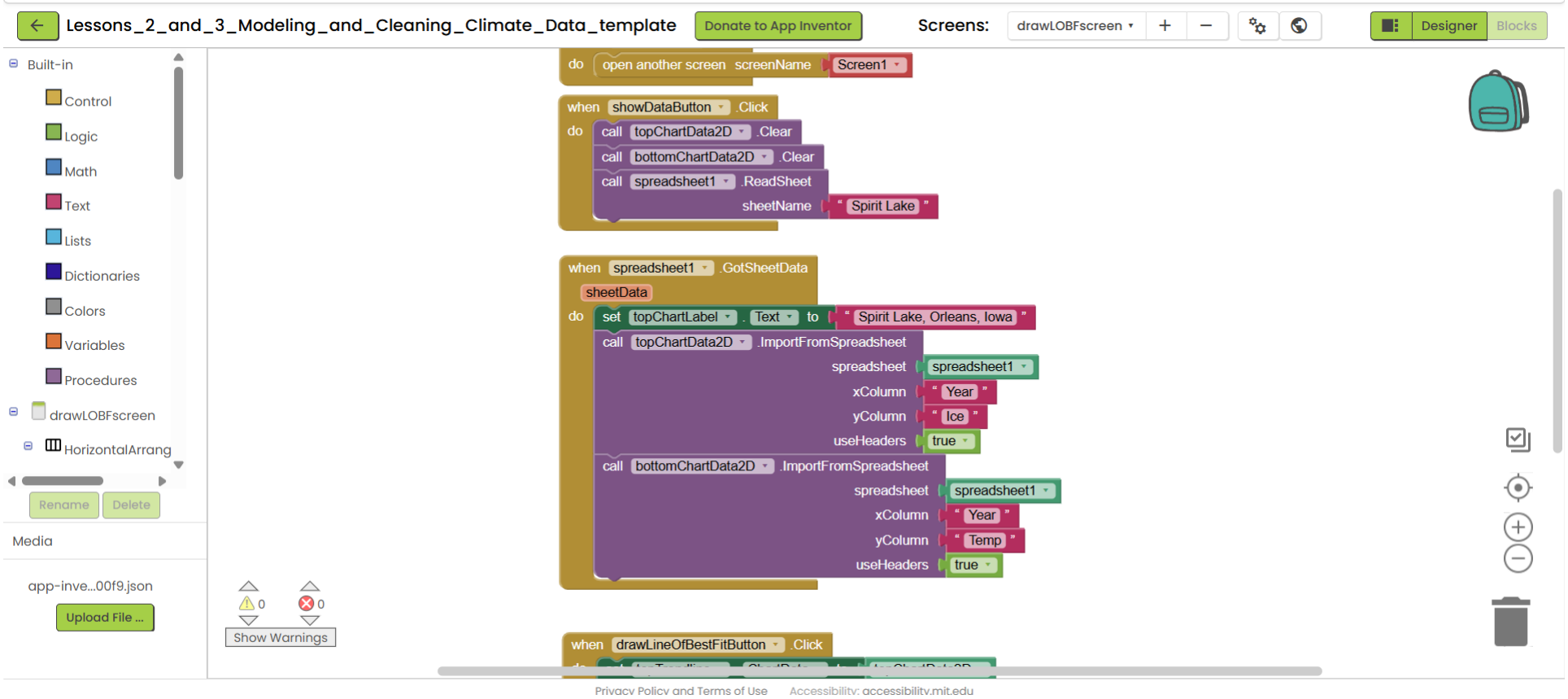
Lección 1



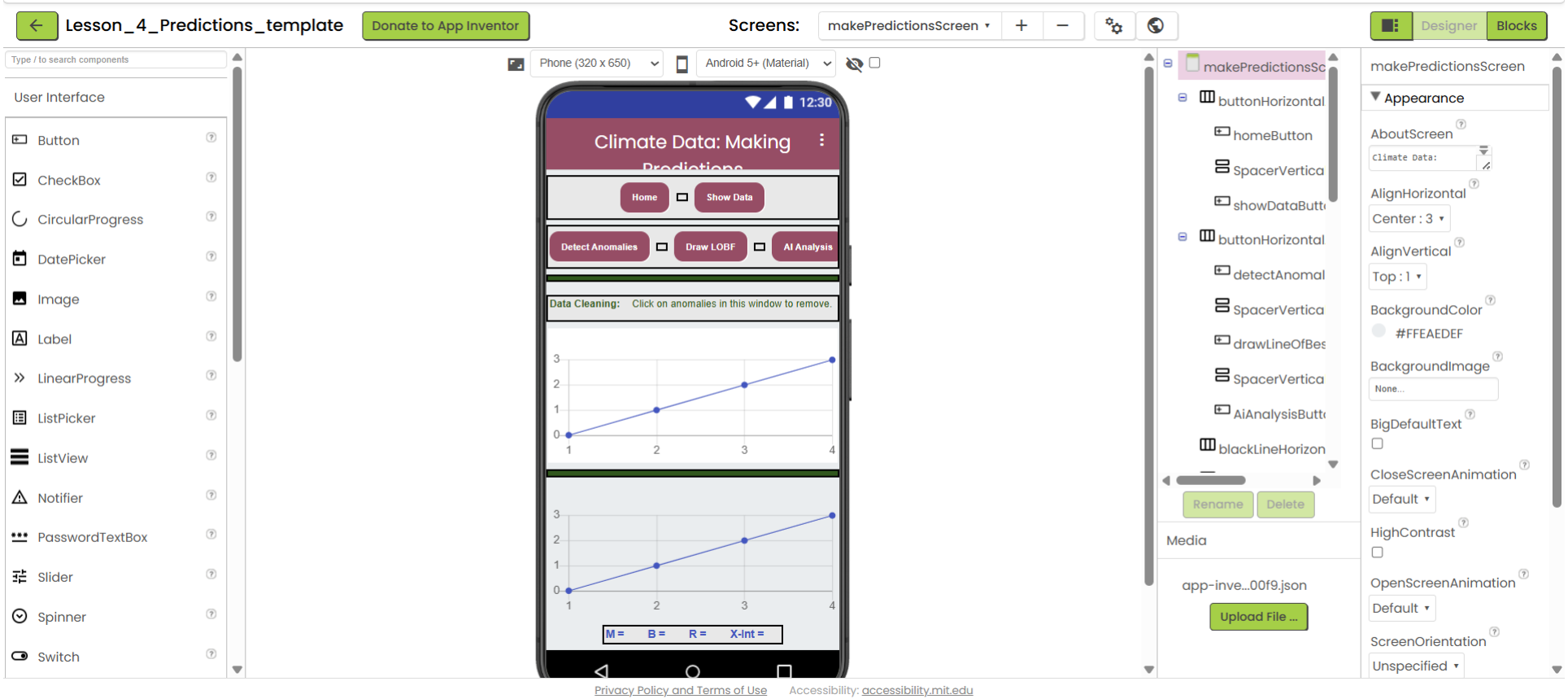


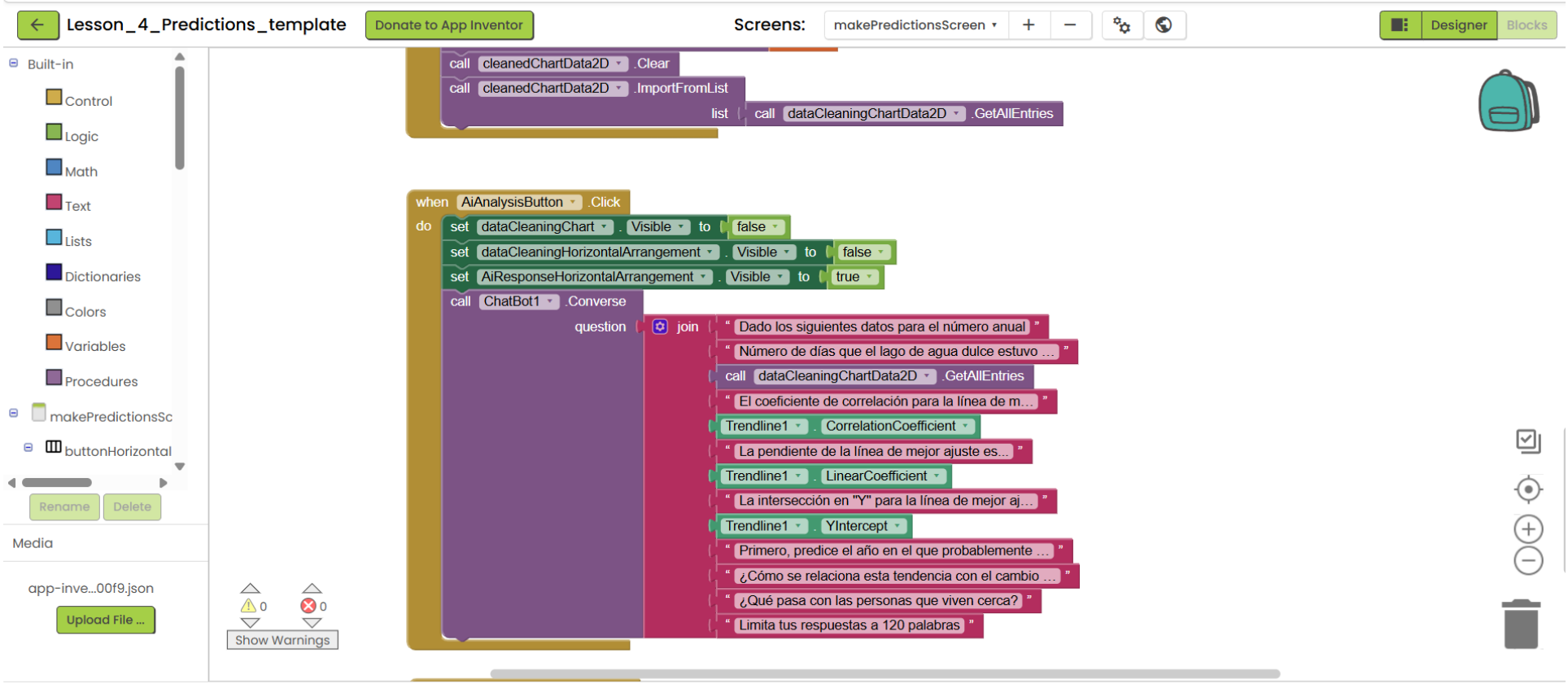
Lección 2 y 3


Lessons_2_and_3_Modeling_and_Cleaning_Climate_Data_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
Phone (320 x 650)
Android 5+ (Material)
12:30
Climate Data: Create a Model
Home
Show Data
Draw Line of Best Fit
Days of Ice Cover
M = B = R =
Temperature (c)
M = B = R =
SpacerVertica
showDataButt
SpacerVertica
drawLineOfBes
LineHorizontalArr
topChartLabel
topChart
topChartData
topTrendline
HorizontalArrang
topSlopeLabel
topSlopeValue
Rename
Delete
Media
app-inve...00f9.json
Upload File ...
drawLOBFscreen
Appearance
AboutScreen
Climate Data: Create
AlignHorizontal
Center : 3
AlignVertical
Top : 1
BackgroundColor
#FFEAEDEF
BackgroundImage
None...
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Privacy Policy and Terms of Use
Accessibility: accessibility.mit.edu


Lessons_2_and_3_Modeling_and_Cleaning_Climate_Data_template
Donate to App Inventor
Screens:
drawLOBFscreen
Designer
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
drawLOBFscreen
HorizontalArrang
Rename
Delete
Media
app-inve...00f9.json
Upload File ...
Show Warnings
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
Privacy Policy and Terms of Use
Accessibility: accessibility.mit.edu

Lección 4


Lesson_4_Predictions_template
Donate to App Inventor
Screens:
makePredictionsScreen
Designer
Blocks
Type / to search components
User Interface
Button
CheckBox
CircularProgress
DatePicker
Image
Label
LinearProgress
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
Phone (320 x 650)
Android 5+ (Material)
12:30
Climate Data: Making
Home
Show Data
Detect Anomalies
Draw LOBF
AI Analysis
Data Cleaning:
Click on anomalies in this window to remove.
M =
B =
R =
X-Int =
makePredictionsSc
buttonHorizontal
homeButton
SpacerVertica
showDataButt
buttonHorizontal
detectAnomal
SpacerVertica
drawLineOfBes
SpacerVertica
AiAnalysisButt
blackLineHorizon
Rename
Delete
Media
app-inve...00f9.json
Upload File ...
makePredictionsScreen
Appearance
AboutScreen
Climate Data:
AlignHorizontal
Center : 3
AlignVertical
Top : 1
BackgroundColor
#FFEAEDEF
BackgroundImage
None...
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Privacy Policy and Terms of Use
Accessibility: accessibility.mit.edu



9:29 74%

Climate Data: Making Predictions

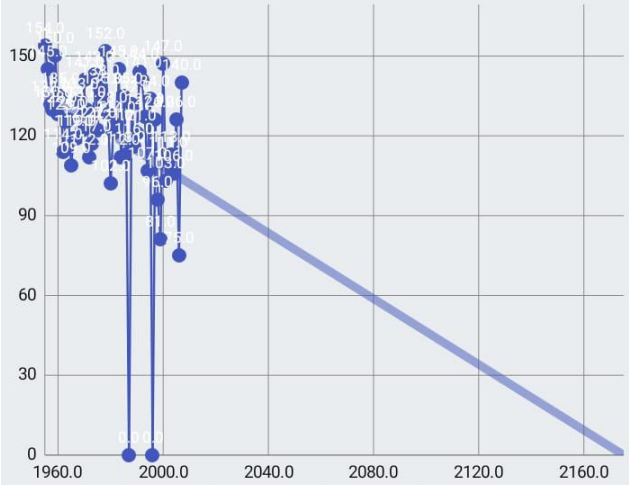
Home | Show Data | Detect Anomalies | Draw LOBF | AI Analysis

Spirit Lake, Orleans, Iowa

Basándome en la pendiente negativa y la intersección de la línea de mejor ajuste, predeciría que el lago probablemente no se congele por completo alrededor del año 2030.

Esta tendencia está relacionada con el cambio climático debido al calentamiento global, que aumenta las temperaturas promedio a nivel mundial. Esto lleva a períodos más cortos de congelación en lagos y cuerpos de agua.

La disminución del hielo afecta a las personas que viven cerca ya que puede afectar la pesca, el transporte acuático y la vida silvestre. También puede aumentar los riesgos de inundaciones.



M = -0.6178 B = 1344 R = -0.3279 X-Int = 2175