

README

To view the web application, open the .html file labeled

TexasCountywideQoLWebHTMLPage.html.

Before doing so, ensure that all files under the *Coding Components* section of this document are **in the same folder** so that the web application will work as intended.

Files included:

Coding Components

HTML

1. TexasCountiesQoLWebHTMLPage.html
2. TexasCountywideQoLWebMap.html
3. DataModule.html
4. IndexScoreCalculation.html

JavaScript

1. TexasCounties_VariablesAndQoLIndex.js

PNG

1. Step_1.png
2. Step_2.png
3. Step_3.png
4. Step_4.png

Note: These .png files each visually represent a step in calculating the quality-of-life index score, and were input into the *IndexScoreCalculation.html* file using the *src* attribute.

Non-coding Components

Excel

1. QoL_Data_for_All_Texas_Counties
2. QoL_Index_Calculation_Sheet

Two spreadsheets were used for the data. The **first** Excel sheet includes all data entries for each quality-of-life variable, as well as the calculated quality-of-life index scores, across all 254 Texas counties. The **second** Excel sheet is the spreadsheet I used to calculate all of the quality-of-life index scores. If you check the tabs for each variable within this second Excel sheet, you may ignore the Score and ArcGIS Pro Ranked columns. The former turned out to be unnecessary, while the latter was provided for my reference when overviewing the attribute table on ArcGIS Pro.