



## **ECLI Housing Database**

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## **Overview:**

Housing is a resource that is both scarce and essential for human trafficking survivors. For example, housing is most often identified as the first need to be met and the most difficult to provide (Duncan & Dehart, 2019). Without safe and supportive housing, survivors of trafficking often face no option but to remain with their trafficker who can meet their basic need of shelter. The Housing Resource Report serves to illustrate what housing services exist on Long Island, the barriers to housing, and suggestions to address these gaps in services to better meet the housing needs of human trafficking survivors.

The below report aims to provide the community with a comprehensive overview on housing resources on Long Island. The goal of these efforts is to better serve the Long Island community and to improve holistic supportive services for human trafficking survivors.

The SCATI task force was established in 2018 and has met regularly since its inception. The task force is guided by grant partners, the Empowerment Collaborative of Long Island (ECLI) and the Suffolk County Police Department (SCPD).

Survivors can access services in a variety of ways. For example, most agencies (71.43%) provide an interview over the phone. Other ways to access services include outreach workers (57.14%), call hotline (50%), in-person intakes (42.86%), in-person interviews (42.96%), walk-ins (35.71%), and other options (28.57%) such as Google Meet. With the creation of ECLI Vibes Mobile App Survey, it will give survivors another form to find housing on Long Island.

## Installation & User Manual:

- 1) Download the application: (<https://github.com/squicciarini16/ecliVibes-Python>)
- 2) Click the blue button in the top right corner and download the application
  - a) IMPORTANT: Remember the path of the stored zip
- 3) Download Anaconda Command Prompt: (<https://docs.anaconda.com/anaconda/install/>)
  - a) Documentation containing detailed instructions and images:  
(<https://docs.conda.io/projects/conda/en/latest/user-guide/getting-started.html>)
- 4) Download dependencies using command prompt (Windows Key → Anaconda Command Prompt)
  - a) Change Directory to path = cd  
`C:\Users\Nicholas\OneDrive\Desktop\ecliVibesPython\dataEntry.x  
lsx`
  - b) QUICK TIP TO FIND PATH: Go to file location and right click on path → 'Copy address as text
  - c) Once inside proper directory, run the following commands
  - d) `Pip install pysimplegui`
  - e) `Pip install pandas`
  - f) `Pip install numpys`
  - g) (How to run the application) `Python ecliVibesSurvey.py`
- 5) Deployment (Heroku, GithubPages, etc...)
  - a) Links to both websites with detailed documentation
  - b) <https://devcenter.heroku.com/articles/deploying-python>

- c) <https://docs.github.com/en/pages/getting-started-with-github-pages/configuring-a-publishing-source-for-your-github-pages-site>

Our group decided to not deploy the python application due two reasons:

- a) Need a unique URL eg: ECLI-VIBES-Survey
- b) Unsure which company you preferred to deploy on

## **Getting Familiar with the Code!**

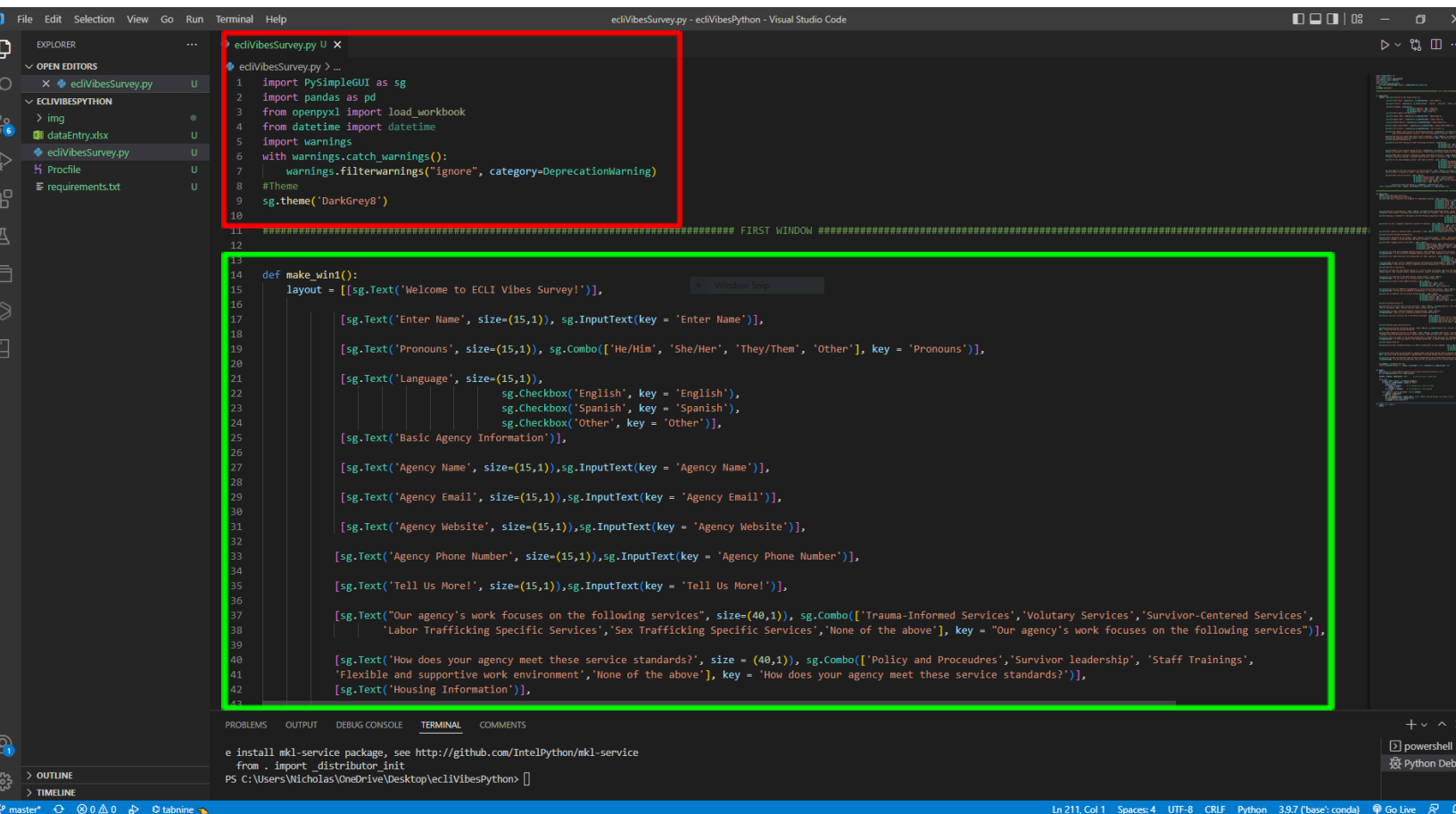
Our survey was created using a programming language Python and two libraries PySimpleGui and Pandas. PySimpleGui was created to help developers create GUI's (Graphical User Interfaces) extremely fast. This library is a relatively new package. While the supply of internet code listings aren't large, GitHub provides 170 examples to learn from.

Some things that are displayed in the application:

- Simple Text Inboxes
- Radio Button Controls
- List Box
- Combo Box
- Check Boxes

PySimpleGui official "Cook Book"

(<https://github.com/PySimpleGUI/PySimpleGUI/blob/master/docs/cookbook.md>)



## Breaking up the code:

- 1) Inside the **red box** contains all the **dependencies** needed to run the program
- 2) Inside the **green box** contains the code for the first window in the application:
  - a) Def make\_win1() = opening window when launched
  - b) [sg.Text('Enter Name', size=(15,1)), sg.InputText(key = 'Enter Name')] = Creates a 15 px long column and 1 row depth and takes in users input and gets stored as 'Enter Name'
  - c) [sg.Text(' ', size=(40,1)), sg.Checkbox('Yes', key = 'Yes'), sg.Checkbox('No', key = 'No')] = Creates a checkbox and user gets prompted with a yes or no response. Stored as binary

- d) `[sg.Text(' ', size=(40,1)), sg.combo('Yes', key = 'Yes'), sg.Checkbox('No', key = 'No')]` = Creates a drop down list and user get prompted with yes or no response. Saved as parameter selected

```
def main():
    EXCEL_FILE = (r'C:\Users\Nicholas\OneDrive\Desktop\ecliVibesPython\dataEntry.xlsx')
    df = pd.read_excel(EXCEL_FILE, index_col=0)

    window1, window2 = make_win1(), None    # start off with 1 window open

    while True:
        window, event, values = sg.read_all_windows()
        if event == sg.WIN_CLOSED or event == 'Exit':
            window.close()
            if window == window2:    # if closing win 2, mark as closed
                window2 = None
            elif window == window1:    # if closing win 1, exit program
                break
        elif event == 'Launch 2nd Window' and not window2:
            window2 = make_win2()
        if event == 'Submit':
            df = df.append(values, ignore_index = True) #ERROR: Getting Removed from Pandas Library
            df.to_excel(EXCEL_FILE, index= False)
            sg.popup('Survey Submitted!')
```

- 1) Inside the **blue box** contains the code for: 'Launch Window 2', 'Submit', 'Exit' buttons
- 2) Inside the **purple box** contains the code for writing the values to an excel file and window manipulation:
  - a) `EXCEL_FILE = (r'YOUR FILE PATH LOCATION')` = Must be changed in order to store users data to an excel file
  - b) If `event == sg.WIN_CLOSED` or `event == 'Exit'`  
`window.close()` = If the user closes the window or clicks 'Exit' the program will end and not save
  - c) If `event == 'Submit'` = Values will be loaded into excel file







