Note, due to the program not being completed within specification, this user manual is for the program proposed and planned, but unfortunately incomplete, these steps will be written in red.

1. To access the program, download or clone the git repository here: <https://github.com/N-odle/2810ICT_Assignment>.
2. Unzip the repo and head to /2810\_Assignment/Assignment Instructions and Framework/Code.
3. To create or update the database file, run the ‘CreateDB.py’ file, either through CMD or another code interpreter. (If using CMD, to create the database ensure CMD is run within the Code folder and enter the command (Note, ensure the penalty\_data\_set\_2.csv exists in the same directory. The program is unable to automatically fetch this as the download link constantly changes)
4. Verify the database has been created.
5. Now, using the same methods run the file “NSW Traffic Penalty Analyser”.
6. A new window will open with a button “Upload Database”.
7. Click this button and a file explorer window will open up.
8. Change the filetype in the bottom left from “text document” to “database file”.
9. Locate the created ‘OffenceDB.db’ file and double click it
10. Wait for the program to display “Database file successfully uploaded”
11. Click on the newly created “Analyze dataset” button.
12. A window will open with a variety of different options, buttons and filters so you can filter down the data you with for.
13. When you’re happy with your selection, click the confirm button and a new window will open up, displaying the results. (Note, to get a visual graph, histogram, etc. click the small checkbox atop the confirm button, otherwise, only text will be shown.
14. If you wish to save this data, there is a button on the top left allowing the option to save the generated data as a .png file.
15. Once your data is generated, close this window and you will be returned to the data filter screen where you can make another selection, or use the exit button to close the program.