VICCRASH VIEWER
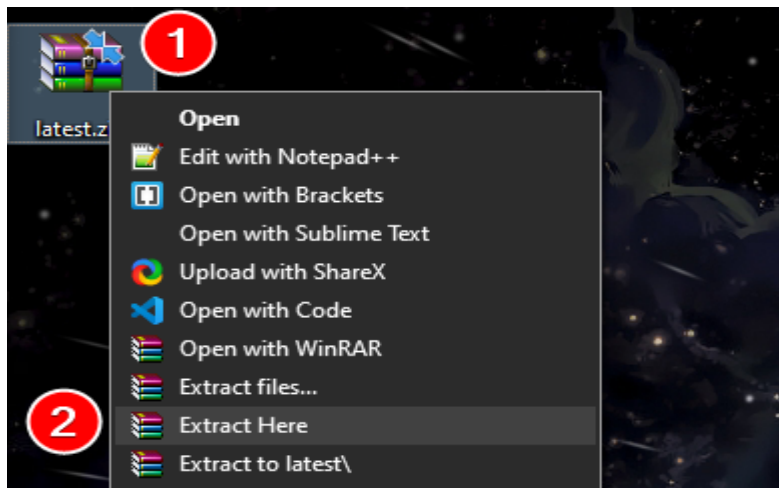
USER MANUAL
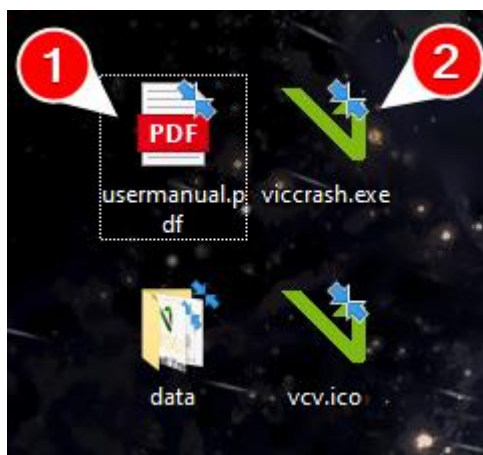
VERSION 1.2

Contents

Setup

Installation

Download the latest version by selecting the latest.zip from GitHub (1)

Right-click (1) the latest.zip and extract (2) using your favourite zip program.

A user manual is included to show how the application works (1) and when you are ready to start the application, double click the viccrash.exe (2).

Operating the Application

After double clicking the viccrash.exe you will be presented with a splash screen as the application loads data, please be patient as it takes time to load the data. Once loaded, you will be presented with the home screen where you may start using the application to browse and visualise data.

The navigation (1, 2, 3, 4) can be used to change pages.

Home Page

On the default home page, you will see several inputs you may interact with to filter the raw data to your liking, you may also browse the raw dataset if you desire to do so. The keyword input (1) allows you to filter by the type of accident, the geometry of the road, the day of the week, or the region name. Leaving this input blank will simply return all data between the selected dates (2).

Using the date inputs (2), you are presented with a graphical calendar.

This allows you to easily select the dates you want to filter the data between, you may also type the date in manually in the dd/mm/yyyy format. Selecting an end date that is before the start date will return no data, so be sure to make sure it is after your chosen start date. Once you are happy with your choices, you may select 'Go' (3) to filter your data. If you wish to return to the complete raw dataset, you may click 'Reset'.
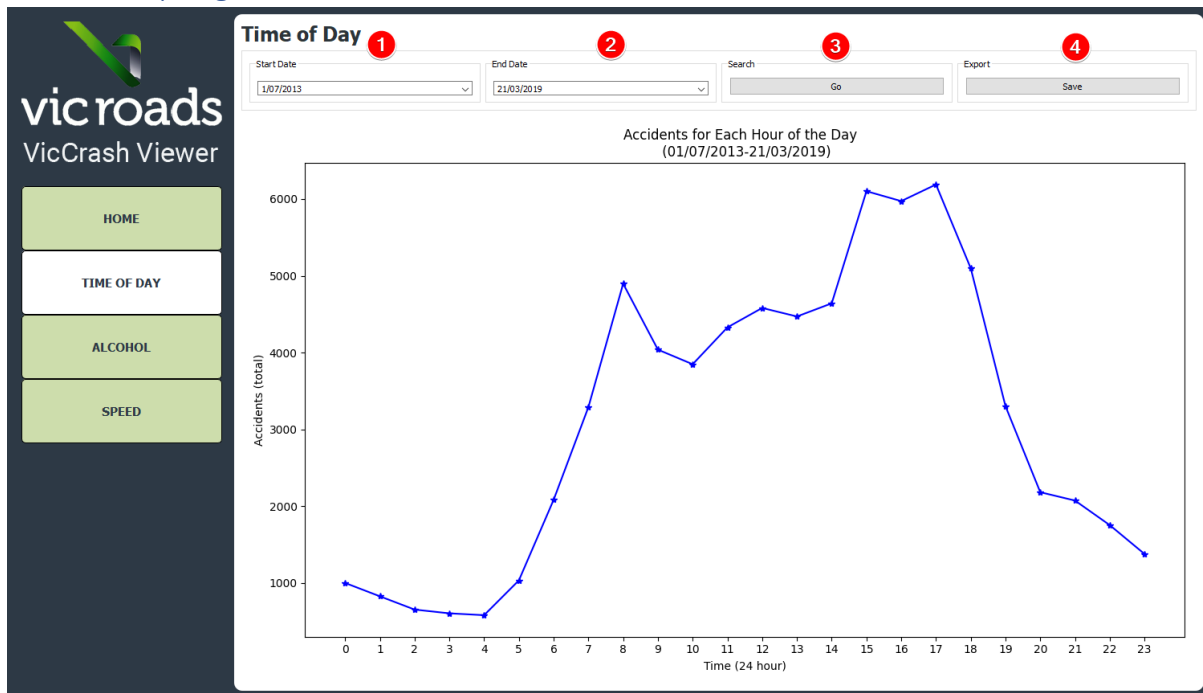
Time of Day Page

By default, the Time of Day page shows the trend of accidents for each hour for the entire data set. The date range can be altered by selecting a starting (1) and ending (2) date and clicking search (3). You can export the current chart by pressing 'Save'. (4)
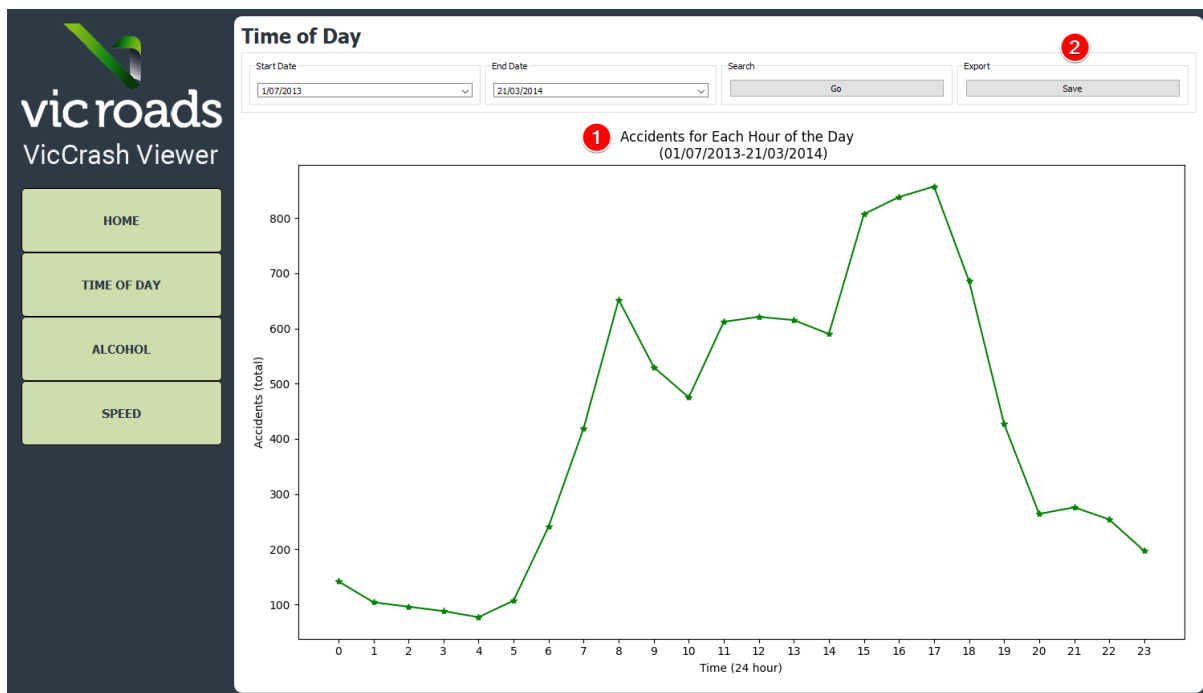
After the search is performed, your new results (1) will be shown, and you may continue to perform additional searches for further date ranges. You may also export this new chart by pressing 'Save' (2).

Alcohol Page
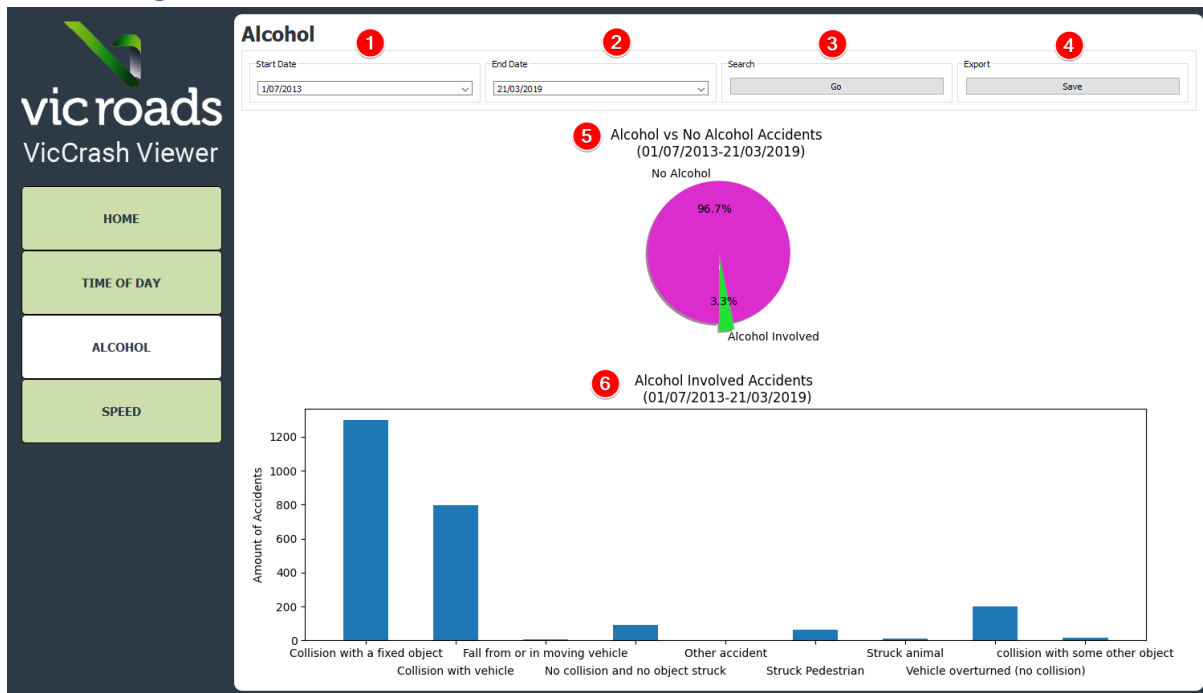
The alcohol page allows you to visualise the number of accidents that involved alcohol compared to those that did not (5) and then visualise the types of accidents that involve alcohol (6).

As with previous pages, you may select a start (1) and end (2) date and then filter by pressing 'Go' (3), and save the current chart by pressing 'Save' (4).
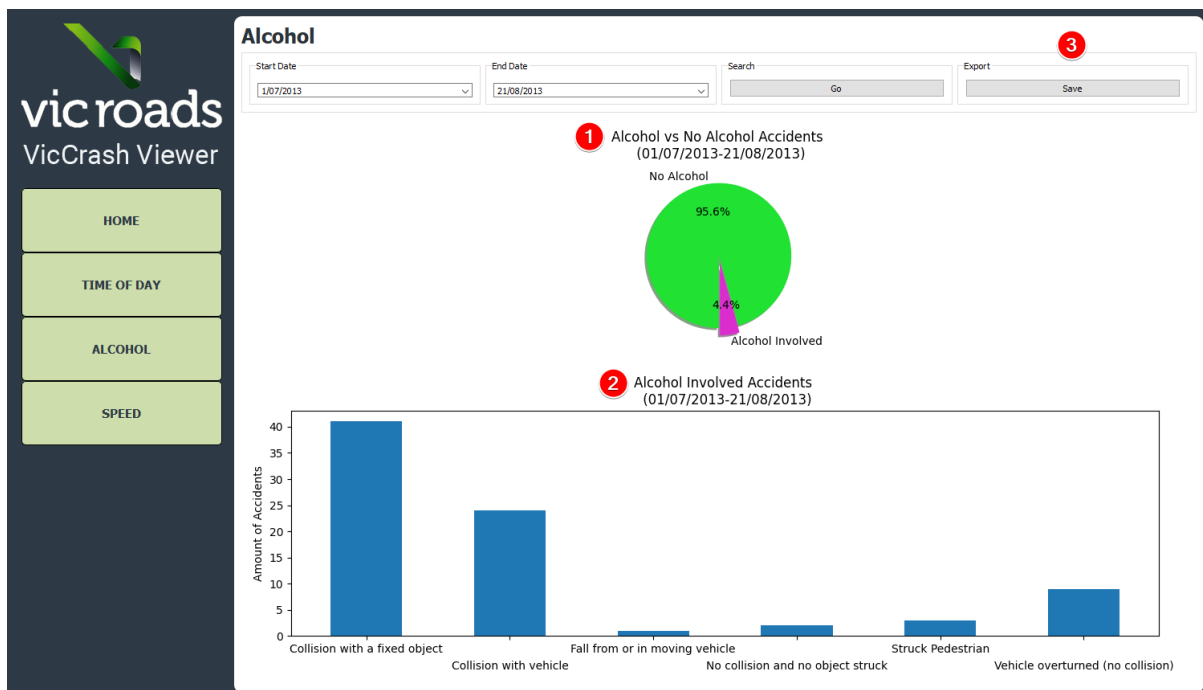
This will return an updated comparison (1) pie chart and an update collision type (2) bar chart and you can export with 'Save' (3).
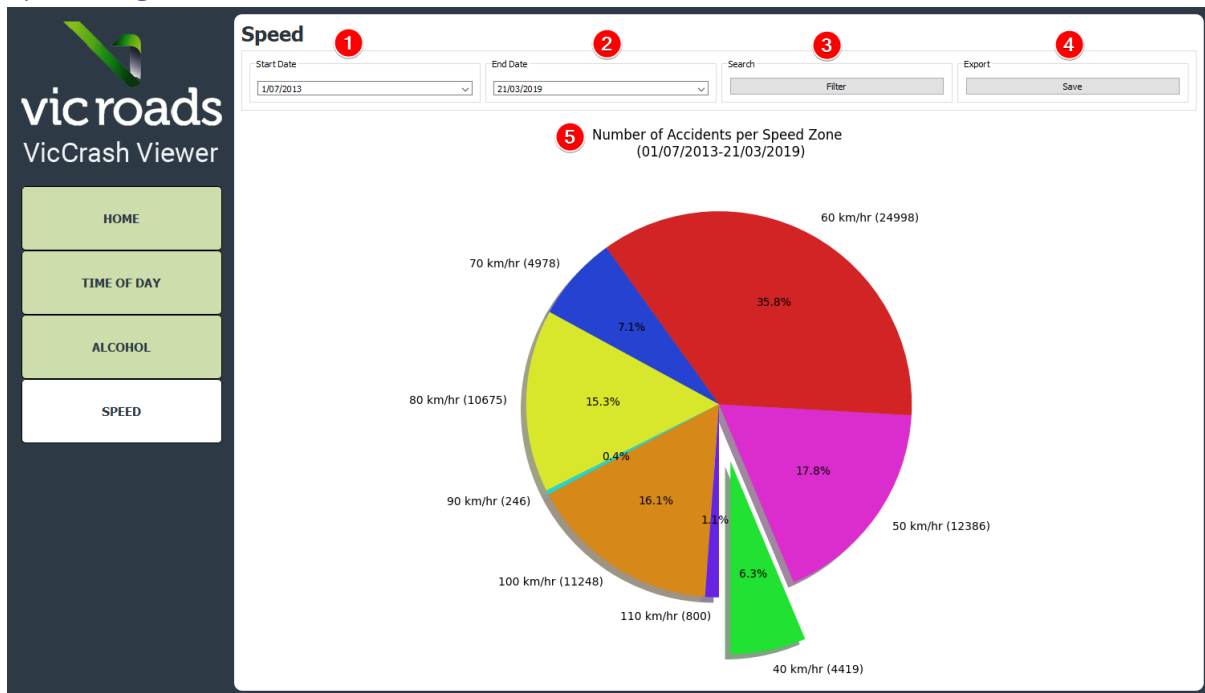
Speed Page

The speed page allows you to visualise the number of accidents per speed zone in Victoria (5). Using the start (1) and end (2) date inputs, followed by 'Filter' (3) will show an updated chart for your chosen date range allowing you to narrow down the rate of accidents for each zone per date range. You can export this chart with 'Save' (4).
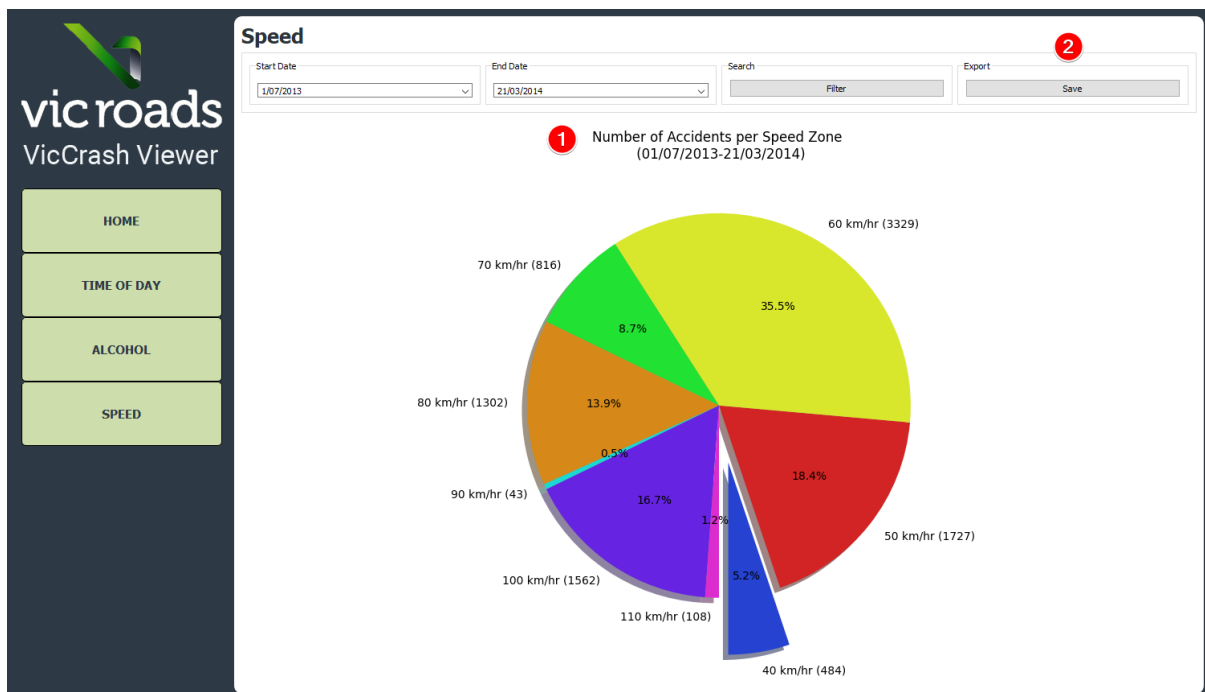
After the search is performed, you will see an updated chart (1) and you can filter again as required for different date ranges and you can export with 'Save' (2).

Closing and Saved Charts
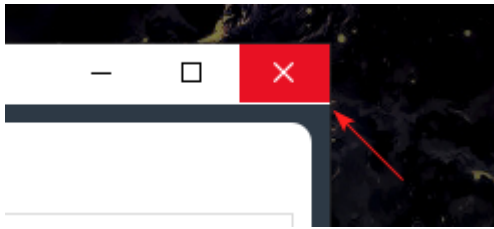
When you are finished using the VicCrash Viewer, you may select the red X in the upper right corner of the application and close it. The application will be available again at the location you extracted it.
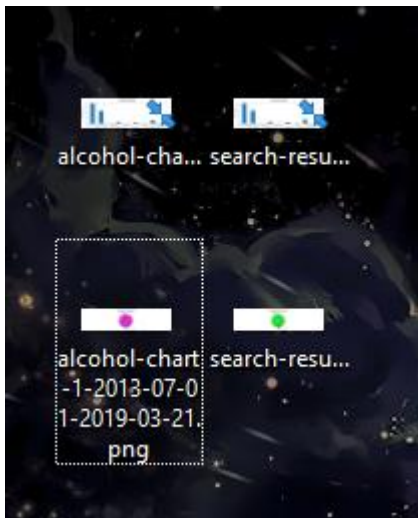

You will find all your saved charts wherever you installed the application, they will have automatically generated names depending on the chart you exported and the date range.

If you need to update the application, simply follow the steps outlined in Setup, but delete the viccrash.exe and data folder before doing so.

We hope you enjoy being able to browse this very large dataset in an easier manner, with some extra visualisation tools to help you.