

Road Crash Data Analyzer User Manual

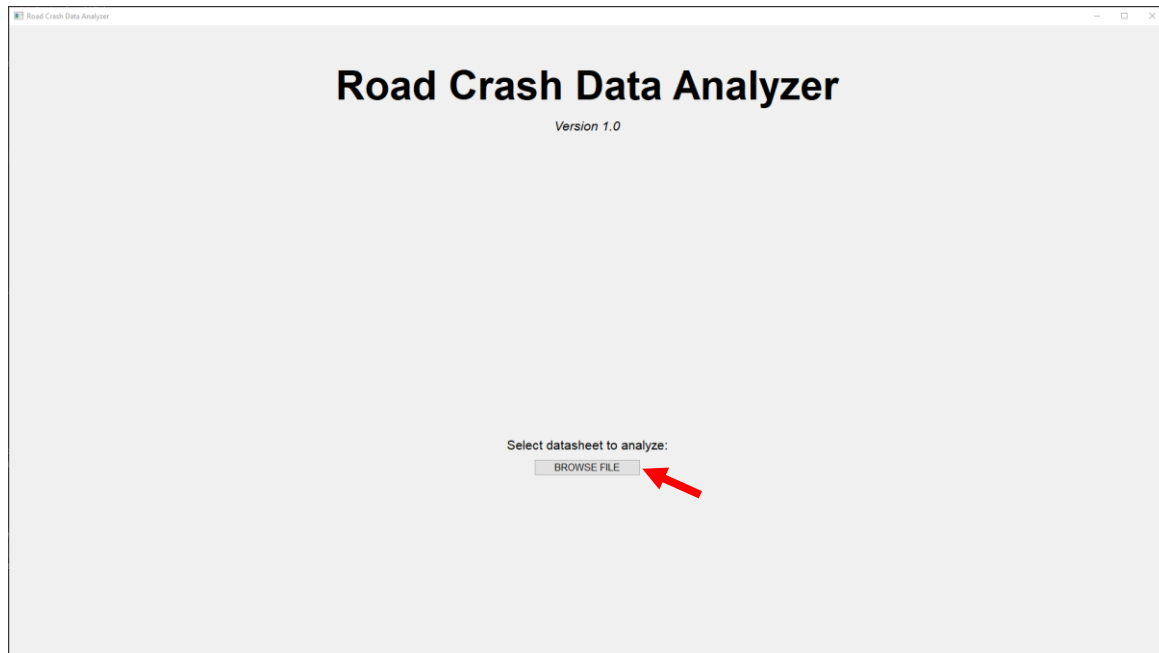
2810ICT Software Technologies Assignment Part B

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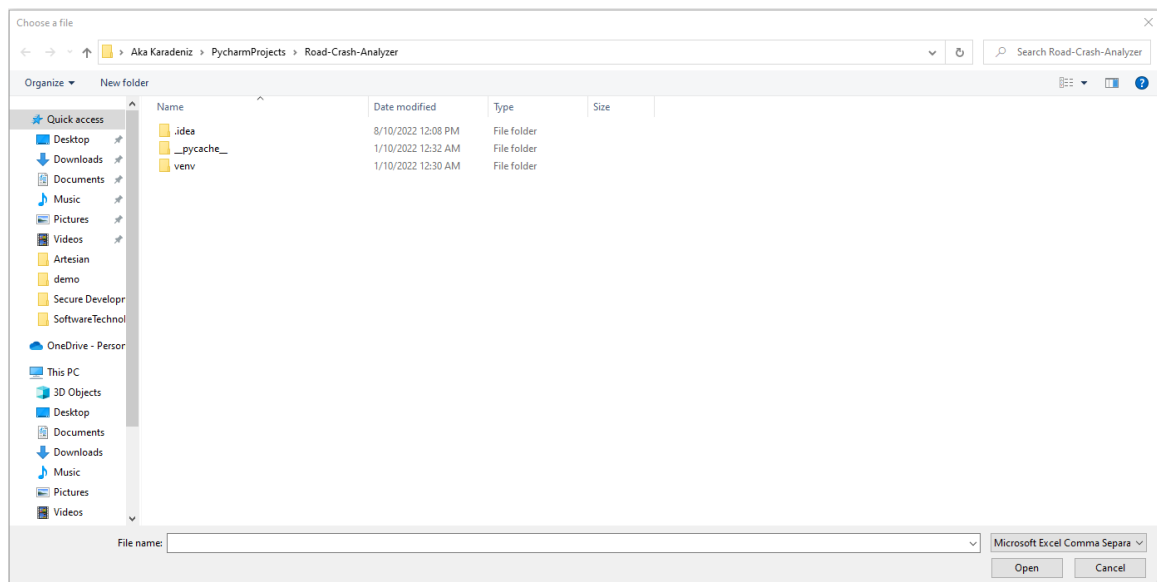
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1. Selecting a File

When you first launch the program, you will see the title screen shown below. In order to begin analysis, you must select a .csv file using the 'Browse File' button near the center of the screen.



Clicking on this button will launch a file selection dialog showing the directory where the program is located. You can easily browse other directories on your computer. Once you've selected the .csv file you wish to analyze, click on the 'Open' button in the bottom right corner of the file selection dialog.



2. The Data Screen

After selecting a .csv file, the program will load for a brief period and display the screen shown below. This is the main screen of the program where the imported data is shown in table form.

	ORIGIN_ID	ACCIDENT_NO	ABS_CODE	ACCIDENT_STATUS	ACCIDENT_DATE	ACCIDENT_TIME	ALCOHOLTIME	ACCIDENT_TYPE	DAY_OF_WEEK	DCA_CODE	HIT_RUN_FLAG	LIGHT_CONDITION	POLICE_ATTEND	ROAD
1	3401744	T20130013732	ABS to receive accident	Finished	1/7/2013	18.30.00	Yes	Struck Pedestrian	Monday	PED NEAR SIDE, PED HIT BY VEHICLE FROM THE RIGHT.	No	Dark Street lights on	Yes	Not at
2	3401745	T20130013736	ABS to receive accident	Finished	2/7/2013	16.40.00	No	Collision with vehicle	Tuesday	PARKED VEHICLES ONLY	No	Day	Yes	T-inter
3	3401746	T20130013737	ABS to receive accident	Finished	2/7/2013	13.15.00	No	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	T-inter
4	3401747	T20130013738	ABS to receive accident	Finished	2/7/2013	16.45.00	No	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
5	3401748	T20130013739	ABS to receive accident	Finished	2/7/2013	15.48.00	No	Collision with vehicle	Tuesday	U TURN	No	Day	Yes	Not at
6	3401749	T20130013740	ABS to receive accident	Finished	2/7/2013	13.40.00	No	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
7	3401750	T20130013742	ABS to receive accident	Finished	2/7/2013	16.10.00	No	Collision with vehicle	Tuesday	REAR ENDOVEHICLES IN SAME LANE	No	Day	Yes	Cross
8	3401751	T20130013743	ABS to receive accident	Finished	2/7/2013	17.50.00	No	Collision with vehicle	Tuesday	REAR ENDOVEHICLES IN SAME LANE	No	Dark Street lights on	Yes	Not at
9	3401752	T20130013744	ABS to receive accident	Finished	2/7/2013	17.30.00	No	Collision with vehicle	Tuesday	RIGHT THROUGH	No	Dark Street lights on	Yes	Cross
10	3401753	T20130013746	ABS to receive accident	Finished	2/7/2013	17.35.00	No	Collision with vehicle	Tuesday	LEFT NEAR (INTERSECTIONS ONLY)	No	Dark Street lights on	Yes	Cross
11	3401754	T20130013748	ABS to receive accident	Finished	2/7/2013	16.20.00	No	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
12	3401755	T20130013751	ABS to receive accident	Finished	2/7/2013	16.30.00	No	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Cross
13	3401756	T20130013752	ABS to receive accident	Finished	2/7/2013	17.38.00	No	Collision with vehicle	Tuesday	VEHICLE STRIKES ANOTHER VEH WHILE EMERGING FROM DRIVEWAY	No	Dark Street lights on	Yes	Not at
14	3401757	T20130013753	ABS to receive accident	Finished	2/7/2013	17.55.00	Yes	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	T-inter
15	3401758	T20130013754	ABS to receive accident	Finished	2/7/2013	17.35.00	No	Collision with vehicle	Tuesday	RIGHT REAR.	No	Dark No street lights	Yes	Not at
16	3401759	T20130013755	ABS to receive accident	Finished	2/7/2013	18.19.00	Yes	Collision with vehicle	Monday	REAR ENDOVEHICLES IN SAME LANE	No	Dark Street lights on	Yes	Not at
17	3401760	T20130013758	ABS to receive accident	Finished	2/7/2013	20.20.00	Yes	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	T-inter
18	3401761	T20130013760	ABS to receive accident	Finished	2/7/2013	13.30.00	No	Collision with vehicle	Tuesday	VEHICLE STRIKES DOOR OF PARKED/STATIONARY VEHICLE	No	Day	Yes	Not at
19	3401762	T20130013761	ABS to receive accident	Finished	2/7/2013	18.05.00	Yes	Collision with vehicle	Tuesday	RIGHT THROUGH	No	Dark Street lights on	Yes	Cross
20	3401763	T20130013764	ABS to receive accident	Finished	2/7/2013	16.00.00	No	Collision with vehicle	Tuesday	RIGHT NEAR (INTERSECTIONS ONLY)	No	Day	Yes	T-inter
21	3401764	T20130013766	ABS to receive accident	Finished	2/7/2013	05.54.00	Yes	No collision and no object struck	Wednesday	OFF CARRIAGEWAY TO LEFT	No	Dark Street lights on	Yes	Not at
22	3401765	T20130013770	ABS to receive accident	Finished	2/7/2013	05.50.00	No	Collision with vehicle	Tuesday	U TURN	No	Day	Yes	Not at
23	3401766	T20130013772	ABS to receive accident	Finished	2/7/2013	12.45.00	No	Collision with vehicle	Tuesday	LANE CHANGE RIGHT (NOT OVERTAKING)	No	Day	Yes	Not at
24	3401767	T20130013773	ABS to receive accident	Finished	3/7/2013	06.10.00	No	Struck animal	Wednesday	STRUCK ANIMAL	No	Dark No street lights	Yes	Not at
25	3401768	T20130013776	ABS to receive accident	Finished	3/7/2013	08.55.00	No	Collision with vehicle	Wednesday	CROSS TRAFFIC/INTERSECTIONS ONLY	No	Day	Yes	Cross
26	3401769	T20130013777	ABS to receive accident	Finished	3/7/2013	08.40.00	No	Collision with vehicle	Wednesday	LEFT TURN SIDEWALK	No	Day	Yes	Not at
27	3401770	T20130013808	ABS to receive accident	Finished	1/7/2013	02.10.00	Yes	Collision with vehicle	Monday	RIGHT FAR (INTERSECTIONS ONLY)	No	Dark Street lights on	Yes	Multipl
28	3401771	T20130013817	ABS to receive accident	Finished	1/7/2013	06.40.00	No	Struck Pedestrian	Monday	PED PLAYING/WORKING/STANDING ON CARRIAGEWAY.	No	Dark Street lights on	Yes	T-inter
29	3401772	T20130013817	ABS to receive accident	Finished	1/7/2013	08.40.00	No	Collision with vehicle	Monday	RIGHT THROUGH	No	Day	Yes	T-inter
30	3401773	T20130013820	ABS to receive accident	Finished	1/7/2013	05.30.00	Yes	Collision with a fixed object	Monday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
31	3401774	T20130013821	ABS to receive accident	Finished	1/7/2013	04.45.00	Yes	Struck animal	Monday	STRUCK ANIMAL	No	Dark No street lights	Yes	Not at
32	3401775	T20130013822	ABS to receive accident	Finished	1/7/2013	09.14.00	No	Collision with vehicle	Monday	RIGHT NEAR (INTERSECTIONS ONLY)	No	Day	Yes	T-inter
33	3401776	T20130013830	ABS to receive accident	Finished	1/7/2013	06.50.00	Yes	Vehicle overturned (no collision)	Sunday	OFF CARRIAGEWAY TO RIGHT	No	Dark No street lights	Yes	Not at
34	3401777	T20130013838	ABS to receive accident	Finished	1/7/2013	10.30.00	No	Collision with a fixed object	Monday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
35	3401778	T20130013841	ABS to receive accident	Finished	1/7/2013	09.30.00	No	Collision with a fixed object	Monday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	T-inter
36	3401779	T20130013844	ABS to receive accident	Finished	1/7/2013	12.40.00	No	Struck Pedestrian	Monday	VEH STRIKES PED ON FOOTPATH/MEDIAN/TRAFFIC ISLAND.	No	Day	Yes	Cross
37	3401780	T20130013847	ABS to receive accident	Finished	1/7/2013	18.40.00	No	Vehicle overturned (no collision)	Monday	OUT OF CONTROL ON CARRIAGEWAY (ON STRAIGHT)	No	Day	Yes	T-inter
38	3401781	T20130013849	ABS to receive accident	Finished	1/7/2013	15.40.00	No	Collision with vehicle	Monday	REAR ENDOVEHICLES IN SAME LANE	No	Day	Yes	T-inter
39	3401782	T20130013850	ABS to receive accident	Finished	1/7/2013	16.40.00	No	Collision with vehicle	Monday	RIGHT NEAR (INTERSECTIONS ONLY)	No	Day	Yes	T-inter
40	3401783	T20130013853	ABS to receive accident	Finished	1/7/2013	17.44.00	No	Collision with vehicle	Monday	RIGHT REAR (INTERSECTIONS ONLY)	No	Dark Street lights on	Yes	Not at

1. Filter button: Opens the Filter Options window through which the data table can be filtered by date and accident type.
2. Data Table: Displays the imported data in table form with column names and row numbers.
3. Generate Chart combo box: Allows the user to generate a chart from a selection. The charts are generated only from the data currently shown inside the Data Table (see section 5).

3. Filter Options

Clicking on the 'Filter' button in the top-left corner of the main screen will open a small Filter Options window in the centre of the display.

Filter Options

Filter by Date: From: 1/7/2013 To: 3/7/2013

Filter by Accident Type: Collision with vehicle

APPLY FILTERS RESET

The Filter Options window is not a modal window, i.e., the user can still scroll through the data table with the Filter Options window open. They are also free to reposition the Filter Options window. As shown below, there are two filter options: Filter by Date, and Filter by Accident Type. The user can specify a different combination of inputs to yield a specific selection of rows.

Below are examples of possible inputs.

Filter Options

Filter by Date:
From: 12/12/2013 To: 12/12/2014

Filter by Accident Type:
collision

APPLY FILTERS RESET

Selects all rows between 12/12/2013 and 12/12/2014 that have 'collision' in their accident type value.

Filter Options

Filter by Date:
From: To: 12/12/2015

Filter by Accident Type:
collision

APPLY FILTERS RESET

Selects all rows up to 12/12/2016 that have 'collision' in their accident type value.

Filter Options

Filter by Date:
From: To:

Filter by Accident Type:
animal

APPLY FILTERS RESET

Selects all rows that have 'animal' in their accident type value.

Filter Options

Filter by Date:
From: 12/12/2016 To:

Filter by Accident Type:

APPLY FILTERS RESET

Selects all rows from 12/12/2016 onwards

Clicking on the 'Apply Filters' button will apply all of the specified filters to the data table. Clicking on the 'Reset' button will clear the values in the filter text fields – if filters have already been applied to the table, then the 'Reset' button will also reset the table back to its original, unfiltered form (erasing the text fields yourself and clicking 'Apply Filters' also does this).

Filter Options

Filter by Date:
From: 12/12/2016 To: 12/12/2017

Filter by Accident Type:
fixed object

APPLY FILTERS RESET

After applying the filters, you may close the Filter Options window. The table in the main screen will now show only the rows selected by the filter options.

Crash Statistics Victoria.csv														
Filter														
	OBJECTID	ACCIDENT_NO	ABS_CODE	ACCIDENT_STATUS	ACCIDENT_DATE	ACCIDENT_TIME	ALCOHOLTIME	ACCIDENT_TYPE	DAY_OF_WEEK	DCA_CODE	HIT_RUN_FLAG	LIGHT_CONDITION	POLICE_ATTEND	ROAD
1	3406769	T20130025586	ABS to receive accident	Finished	12/12/2013	04.35.00	Yes	Collision with a fixed object	Thursday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
2	3406971	T20130025667	ABS to receive accident	Finished	12/12/2013	17.30.00	No	Collision with a fixed object	Thursday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
3	3406626	T20130025892	ABS to receive accident	Finished	13/12/2013	08.10.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
4	3406918	T20130025649	ABS to receive accident	Finished	13/12/2013	04.30.00	Yes	Collision with a fixed object	Friday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Under
5	3406966	T20130025662	ABS to receive accident	Finished	13/12/2013	09.58.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Under
6	3406976	T20130025680	ABS to receive accident	Finished	13/12/2013	06.35.00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark Street lights off	Yes	Not at
7	3407018	T20130025686	ABS to receive accident	Finished	13/12/2013	07.40.00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
8	3407019	T20130025687	ABS to receive accident	Finished	13/12/2013	10.55.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Under
9	3407023	T20130025695	ABS to receive accident	Finished	13/12/2013	14.40.00	No	Collision with a fixed object	Friday	PERMANENT OBSTRUCTION ON CARRIAGEWAY	No	Day	Yes	Cross
10	3407069	T20130025704	ABS to receive accident	Finished	13/12/2013	15.00.00	No	Collision with a fixed object	Friday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
11	3406668	T20130025898	ABS to receive accident	Finished	14/12/2013	22.35.00	Yes	Collision with a fixed object	Saturday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Muddy
12	3406793	T20130026382	ABS to receive accident	Finished	14/12/2013	17.00.00	Yes	Collision with a fixed object	Saturday	OTHER ACCIDENTS-OFF STRAIGHT NOT INCLUDED IN DCAs 170-175	No	Day	No	Cross
13	3407124	T20130025732	ABS to receive accident	Finished	14/12/2013	00.30.00	Yes	Collision with a fixed object	Saturday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Not at
14	3407225	T20130025769	ABS to receive accident	Finished	14/12/2013	15.00.00	Yes	Collision with a fixed object	Saturday	OTHER ACCIDENTS-OFF STRAIGHT NOT INCLUDED IN DCAs 170-175	No	Day	Yes	Not at
15	3407232	T20130025785	ABS to receive accident	Finished	14/12/2013	19.30.00	Yes	Collision with a fixed object	Saturday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
16	3407234	T20130025790	ABS to receive accident	Finished	14/12/2013	19.42.00	Yes	Collision with a fixed object	Saturday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
17	3407236	T20130025792	ABS to receive accident	Finished	14/12/2013	16.20.00	Yes	Collision with a fixed object	Saturday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
18	3406572	T20130025866	ABS to receive accident	Finished	15/12/2013	17.29.00	Yes	Collision with a fixed object	Sunday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
19	3406573	T20130025867	ABS to receive accident	Finished	15/12/2013	19.40.00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
20	3406620	T20130025880	ABS to receive accident	Finished	15/12/2013	21.20.00	Yes	Collision with a fixed object	Sunday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
21	3407280	T20130025804	ABS to receive accident	Finished	15/12/2013	00.23.00	Yes	Collision with a fixed object	Sunday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Not at
22	3407282	T20130025808	ABS to receive accident	Finished	15/12/2013	01.18.00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
23	3407337	T20130025835	ABS to receive accident	Finished	15/12/2013	12.05.00	No	Collision with a fixed object	Sunday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
24	3407338	T20130025840	ABS to receive accident	Finished	15/12/2013	00.01.00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	Yes	Dark Street lights unknown	Yes	Not at
25	3406673	T20130025903	ABS to receive accident	Finished	16/12/2013	12.25.00	No	Collision with a fixed object	Monday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
26	3406727	T20130025928	ABS to receive accident	Finished	16/12/2013	18.00.00	Yes	Collision with a fixed object	Monday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
27	3406771	T20130025940	ABS to receive accident	Finished	16/12/2013	15.15.00	No	Collision with a fixed object	Monday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
28	3406776	T20130025949	ABS to receive accident	Finished	16/12/2013	17.30.00	No	Collision with a fixed object	Monday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
29	3406948	T20130026869	ABS to receive accident	Finished	16/12/2013	11.45.00	No	Collision with a fixed object	Monday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	No	Not at
30	3406775	T20130025948	ABS to receive accident	Finished	17/12/2013	00.25.00	Yes	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Cross
31	3406830	T20130025987	ABS to receive accident	Finished	17/12/2013	11.52.00	No	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Under
32	3406977	T20140000477	ABS to receive accident	Finished	17/12/2013	12.30.00	No	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	No	Not at
33	3406927	T20130026025	ABS to receive accident	Finished	18/12/2013	04.45.00	Yes	Collision with a fixed object	Wednesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
34	3407036	T20130026097	ABS to receive accident	Finished	18/12/2013	19.30.00	Yes	Collision with a fixed object	Wednesday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
35	3407038	T20130026096	ABS to receive accident	Finished	18/12/2013	15.50.00	No	Collision with a fixed object	Wednesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
36	3407039	T20130026100	ABS to receive accident	Finished	18/12/2013	16.45.00	No	Collision with a fixed object	Wednesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
37	3407139	T20130026141	ABS to receive accident	Finished	19/12/2013	11.30.00	No	Collision with a fixed object	Thursday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
38	3407145	T20130026152	ABS to receive accident	Finished	19/12/2013	12.00.00	No	Collision with a fixed object	Thursday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
39	3407146	T20130026153	ABS to receive accident	Finished	19/12/2013	09.10.00	No	Collision with a fixed object	Thursday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
40	3407187	T20130026166	ABS to receive accident	Finished	19/12/2013	13.30.00	No	Collision with a fixed object	Thursday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at

Note: The Filter Options window preserves the filter values that were applied to the table. As shown below, clicking on the 'Filter' button again will, as expected, open the Filter Options window – this time, however, the text fields are pre-filled with the values last used to filter the table. This allows the user to see which filters are currently applied.

Filter										
	OBJECTID	ACCIDENT_NO	ABS_CODE	ACCIDENT_STATUS	ACCIDENT_DATE	ACCIDENT_TIME	ALCOHOLTIME	ACCIDENT_TYPE	DAY_OF_WEEK	
1	3406769	T20130025586	ABS to receive accident	Finished	12/12/2013	04.35.00	Yes	Collision with a fixed object	Thursday	OFF LEFT BEND INTO
2	3406971	T20130025667	ABS to receive accident	Finished	12/12/2013	17.30.00	No	Collision with a fixed object	Thursday	RIGHT OFF CARRIAGE
3	3406626	T20130025892	ABS to receive accident	Finished	13/12/2013	08.10.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGE
4	3406918	T20130025649	ABS to receive accident	Finished	13/12/2013	04.30.00	Yes	Collision with a fixed object	Friday	RIGHT OFF CARRIAGE
5	3406966	T20130025662	ABS to receive accident	Finished	13/12/2013	09.58.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGE
6	3406976	T20130025680	ABS to receive accident	Finished	13/12/2013	06.35.00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO
7	3407018	T20130025686	ABS to receive accident	Finished	13/12/2013	07.40.00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO
8	3407019	T20130025687	ABS to receive accident	Finished	13/12/2013	10.55.00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGE
9	3407023	T20130025695	ABS to receive accident	Finished	13/12/2013	14.40.00	No	Collision with a fixed object	Friday	PERMANENT OBSTR
10	3407069	T20130025704	ABS to receive accident	Finished	13/12/2013	15.00.00	No	Collision with a fixed object	Friday	RIGHT OFF CARRIAGE
11	3406668	T20130025898	ABS to receive accident	Finished	14/12/2013	22.35.00	Yes	Collision with a fixed object	Saturday	ND INTO
12	3406793	T20130026382	ABS to receive accident	Finished	14/12/2013	17.00.00	Yes	Collision with a fixed object	Saturday	DENTS-
13	3407124	T20130025732	ABS to receive accident	Finished	14/12/2013	00.30.00	Yes	Collision with a fixed object	Saturday	ND INTO
14	3407225	T20130025769	ABS to receive accident	Finished	14/12/2013	15.00.00	Yes	Collision with a fixed object	Saturday	DENTS-
15	3407232	T20130025785	ABS to receive accident	Finished	14/12/2013	19.30.00	Yes	Collision with a fixed object	Saturday	CARRIAGE
16	3407234	T20130025790	ABS to receive accident	Finished	14/12/2013	19.42.00	Yes	Collision with a fixed object	Saturday	CARRIAGE
17	3407236	T20130025792	ABS to receive accident	Finished	14/12/2013	16.20.00	Yes	Collision with a fixed object	Saturday	END IN'
18	3406572	T20130025866	ABS to receive accident	Finished	15/12/2013	17.29.00	Yes	Collision with a fixed object	Sunday	END IN'
19	3406573	T20130025867	ABS to receive accident	Finished	15/12/2013	19.40.00	Yes	Collision with a fixed object	Sunday	CARRIAGE
20	3406620	T20130025880	ABS to receive accident	Finished	15/12/2013	21.20.00	Yes	Collision with a fixed object	Sunday	END IN'
21	3407280	T20130025804	ABS to receive accident	Finished	15/12/2013	00.23.00	Yes	Collision with a fixed object	Sunday	CARRIAGE
22	3407282	T20130025808	ABS to receive accident	Finished	15/12/2013	01.18.00	Yes	Collision with a fixed object	Sunday	CARRIAGE
23	3407337	T20130025835	ABS to receive accident	Finished	15/12/2013	12.05.00	No	Collision with a fixed object	Sunday	ND INTO
24	3407338	T20130025840	ABS to receive accident	Finished	15/12/2013	00.01.00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGE
25	3406673	T20130025903	ABS to receive accident	Finished	16/12/2013	12.25.00	No	Collision with a fixed object	Monday	RIGHT OFF CARRIAGE
26	3406727	T20130025928	ABS to receive accident	Finished	16/12/2013	18.00.00	Yes	Collision with a fixed object	Monday	LEFT OFF CARRIAGE
27	3406771	T20130025940	ABS to receive accident	Finished	16/12/2013	15.15.00	No	Collision with a fixed object	Monday	LEFT OFF CARRIAGE

Filter Options

Filter by Date:

From: 12/12/2013 To: 12/12/2014

Filter by Accident Type:

fixed object

APPLY FILTERS RESET

4. Chart Generation

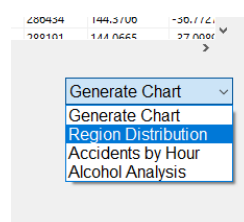
Clicking on the 'Generate Chart' button in the bottom-right corner of the screen will expand a combo box listing the chart generation options.

Crash Statistics Victoria.csv

	OBJECTID	ACCIDENT_NO	ABS_CODE	ACCIDENT_STATUS	ACCIDENT_DATE	ACCIDENT_TIME	ALCOHOLTIME	ACCIDENT_TYPE	DAY_OF_WEEK	DCA_CODE	HIT_RUN_FLAG	LIGHT_CONDITION	POLICE_ATTEND	ROAD
1	3406769	T013002586	ABS to receive accident	Finished	12/12/2013	04:35:00	Yes	Collision with a fixed object	Thursday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
2	3406871	T013002587	ABS to receive accident	Finished	12/12/2013	17:30:00	No	Collision with a fixed object	Thursday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
3	3406826	T013002589	ABS to receive accident	Finished	13/12/2013	08:10:00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
4	3406918	T013002588	ABS to receive accident	Finished	13/12/2013	04:30:00	Yes	Collision with a fixed object	Friday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	T inter
5	3406966	T013002582	ABS to receive accident	Finished	13/12/2013	09:58:00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	T inter
6	3406978	T013002580	ABS to receive accident	Finished	13/12/2013	06:35:00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark Street lights off	Yes	Not at
7	3407018	T013002586	ABS to receive accident	Finished	13/12/2013	07:40:00	No	Collision with a fixed object	Friday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
8	3407019	T013002587	ABS to receive accident	Finished	13/12/2013	10:55:00	No	Collision with a fixed object	Friday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	T inter
9	3407023	T013002595	ABS to receive accident	Finished	13/12/2013	14:40:00	No	Collision with a fixed object	Friday	PERMANENT OBSTRUCTION ON CARRIAGEWAY	No	Day	Yes	Cross
10	3407069	T0130025704	ABS to receive accident	Finished	13/12/2013	15:00:00	No	Collision with a fixed object	Friday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Multipl
11	3406868	T0130025908	ABS to receive accident	Finished	14/12/2013	22:35:00	Yes	Collision with a fixed object	Saturday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
12	3406793	T0130026382	ABS to receive accident	Finished	14/12/2013	17:00:00	Yes	Collision with a fixed object	Saturday	OTHER ACCIDENTS-OFF STRAIGHT NOT INCLUDED IN DCAu 170-175	No	Day	No	Cross
13	3407124	T0130025732	ABS to receive accident	Finished	14/12/2013	00:30:00	Yes	Collision with a fixed object	Saturday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Not at
14	3407225	T0130025769	ABS to receive accident	Finished	14/12/2013	15:00:00	Yes	Collision with a fixed object	Saturday	OTHER ACCIDENTS-OFF STRAIGHT NOT INCLUDED IN DCAu 170-175	No	Day	Yes	Not at
15	3407232	T0130025785	ABS to receive accident	Finished	14/12/2013	19:30:00	Yes	Collision with a fixed object	Saturday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
16	3407234	T0130025790	ABS to receive accident	Finished	14/12/2013	19:42:00	Yes	Collision with a fixed object	Saturday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
17	3407238	T0130025792	ABS to receive accident	Finished	14/12/2013	16:20:00	Yes	Collision with a fixed object	Saturday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
18	3406872	T0130025866	ABS to receive accident	Finished	15/12/2013	17:30:00	Yes	Collision with a fixed object	Sunday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
19	3406575	T0130025867	ABS to receive accident	Finished	15/12/2013	19:40:00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
20	3406620	T0130025880	ABS to receive accident	Finished	15/12/2013	21:20:00	Yes	Collision with a fixed object	Sunday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
21	3407280	T0130025804	ABS to receive accident	Finished	15/12/2013	00:23:00	Yes	Collision with a fixed object	Sunday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Not at
22	3407262	T0130025808	ABS to receive accident	Finished	15/12/2013	01:18:00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
23	3407337	T0130025835	ABS to receive accident	Finished	15/12/2013	12:05:00	No	Collision with a fixed object	Sunday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
24	3407338	T0130025840	ABS to receive accident	Finished	15/12/2013	00:01:00	Yes	Collision with a fixed object	Sunday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	Yes	Dark Street lights unknown	Yes	Not at
25	3406973	T0130025903	ABS to receive accident	Finished	16/12/2013	12:25:00	No	Collision with a fixed object	Monday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
26	3406727	T0130025928	ABS to receive accident	Finished	16/12/2013	18:00:00	Yes	Collision with a fixed object	Monday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
27	3406771	T0130025940	ABS to receive accident	Finished	16/12/2013	15:15:00	No	Collision with a fixed object	Monday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
28	3406778	T0130025949	ABS to receive accident	Finished	16/12/2013	17:30:00	No	Collision with a fixed object	Monday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
29	3406948	T0130026069	ABS to receive accident	Finished	16/12/2013	11:45:00	No	Collision with a fixed object	Monday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	No	Cross
30	3406775	T0130025948	ABS to receive accident	Finished	17/12/2013	00:25:00	Yes	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark Street lights on	Yes	Not at
31	3406830	T0130025987	ABS to receive accident	Finished	17/12/2013	11:52:00	No	Collision with a fixed object	Tuesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	T inter
32	3406957	T0140000477	ABS to receive accident	Finished	17/12/2013	12:30:00	No	Collision with a fixed object	Tuesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Cross
33	3406827	T0130026023	ABS to receive accident	Finished	18/12/2013	04:45:00	Yes	Collision with a fixed object	Wednesday	LEFT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Dark No street lights	Yes	Not at
34	3407026	T0130026097	ABS to receive accident	Finished	18/12/2013	19:30:00	Yes	Collision with a fixed object	Wednesday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Dusk/Dawn	Yes	Not at
35	3407028	T0130026099	ABS to receive accident	Finished	18/12/2013	15:50:00	No	Collision with a fixed object	Wednesday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
36	3407039	T0130026100	ABS to receive accident	Finished	18/12/2013	16:45:00	No	Collision with a fixed object	Wednesday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
37	3407139	T0130026141	ABS to receive accident	Finished	19/12/2013	11:30:00	No	Collision with a fixed object	Thursday	OFF LEFT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
38	3407145	T0130026152	ABS to receive accident	Finished	19/12/2013	12:00:00	No	Collision with a fixed object	Thursday	RIGHT OFF CARRIAGEWAY INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
39	3407148	T0130026155	ABS to receive accident	Finished	19/12/2013	09:10:00	No	Collision with a fixed object	Thursday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at
40	3407187	T0130026166	ABS to receive accident	Finished	19/12/2013	13:30:00	No	Collision with a fixed object	Wednesday	OFF RIGHT BEND INTO OBJECT/PARKED VEHICLE	No	Day	Yes	Not at

Generate Chart

Clicking on one of the options will promptly open a separate window displaying the graph.

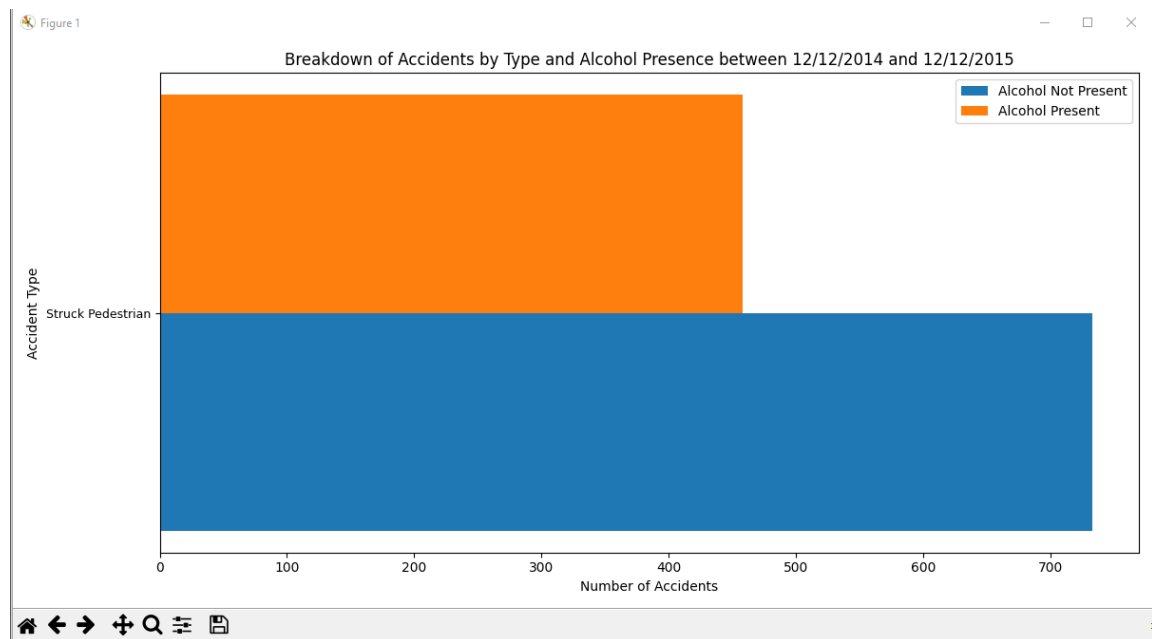


It is important to remember that the charts are generated from the data table's current form, i.e., if the data is filtered, then the chart will be generated based on that filtered data. The filters are mentioned automatically in the title of the graph to reflect this fact.



The two graphs shown above were generated separately with different filters, allowing insight into correlations between region and accident type that would otherwise not be possible.

Furthermore, because of this behaviour, generating an Alcohol Analysis chart that is filtered for a specific accident type will result in a bar chart showing values for just that one accident type, as shown below where the data being plotted was already filtered for 'struck pedestrian' accidents.



If this is not desired, then it is best to generate an Alcohol Analysis chart without filtering for a specific accident type.