

USer Manual

Australia Fatal Crash (1989-2019)



CP5046 – ICT 1

May 27, 2020

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# ****Overview****

This document is intended to be used by the general audience and other experienced professionals having awareness of data analysis. We have documented our findings and published an analysis report available at [Kaggle](https://www.kaggle.com/kevinjames1993/australian-fatal-crashes-report-from-1989-to-2019).

# ****Introduction and purpose****

Fatal crashes are one of the major causes of an increase in the count of fatalities in Australia, Over the past six years, the death rate is gradually increasing mainly in the high-density areas where the increase in vehicles utilization and age factor of citizens plays a major role in the fatal crashes. The purpose of this user manual is to provide instructions on how to navigate and interpret results and findings on Kaggle Notebook as well as providing resolutions of common problems encountered.

# ****Kaggle Notebook****

Kaggle notebook is utilized globally for finding datasets, publishing data analysis, predicting modelling and competitions amongst companies and researchers. By clicking on the following link [Kaggle](https://www.kaggle.com/kevinjames1993/australian-fatal-crashes-report-from-1989-to-2019), you will have access to our repository.

# ****Navigation****

* Click on the [Kaggle](https://www.kaggle.com/kevinjames1993/australian-fatal-crashes-report-from-1989-to-2019) to view the notebook.
* Scroll up and down in the web browser to find graph and chart of interest.
* On the left-hand side of the navigation bar, there are several buttons which you can click, but it will take you away from our repository. To come back to our repository, simply click the link provided.
* Click the Code button on the top right-hand side of each graph or chart will display the programming code, in our case, Python Programming Language is used.

Code

* On the bottom of the notebook, there is a comment section where you could provide your valuable feedback or suggestion for improving our repository.

Comments

# ****Reports on Findings****

A comprehensive report is included in our project documentation which provides in depths of results and findings differ from the visualization of Kaggle Notebook. Please refer to the report for detailed data descriptions and analysis.

Following are the list of our findings:

## Fatality per year per 100,000 people

## Fatality by State per year per 100,000 people

## Fatality Rate by Crash Type

## Fatality Rate by Road User

## Fatality Rate by Speed Limit

## Fatality Rate by Time Range

## Fatality per hour

## Fatality Rate by Day of the week

## Fatality Rate by Age Group

## Fatality by Male per year

## Fatality by Female per year

# ****Troubleshooting****

* **Page Not Found**.

Please check your internet connection and the URL. Try to refresh the web browser.

* **Time out**.

Please wait for a few minutes because the Kaggle Notebook might be under maintenance.