

Victorian Road Safety Trauma 2015

Good Ideas	<ul style="list-style-type: none"> • Ninety-seven lives lost on country roads involved lane departure by the vehicle – this is three out of four lives lost on country roads. • Across Victoria, 146 (58%) deaths involved lane departure by a vehicle • Country deaths (136) continue to be higher than in metropolitan Melbourne (116) – makes it hard to reduce as spread out • Ten more young drivers (18 to 20 years) and seven more young passengers (16 to 17 years) died on our roads in 2015 compared to 2014, and all but one of the young passengers died in vehicles driven by drivers aged 17 to 22. Many of these fatalities involved lane departure collisions, and occurred on weekends and on outer urban and rural roads. • Speed limit seems to matter a lot • Lane departure and high speeds are correlated • Most of the crashes occurred in Country Victoria or the outer suburbs of Melbourne (e.g. in Cardinia and Yarra Ranges shires) • Serious injuries maybe more to do with inner cities
Features	<ul style="list-style-type: none"> • Side impact at intersection • Lane departure •
Fatalities Features	<ul style="list-style-type: none"> • High speed rural roads • intersections in 60 zones • Residential Streets (40 and 50 zones) • Same direction vehicle crashes • Cyclists in urban areas • Pedestrians in urban areas • Heavy vehicle
Serious Injuries	<ul style="list-style-type: none"> • Lane departure • Side impact at intersections • Rear end • Involving a pedestrian

<https://github.com/Smartify-Tech/CatBoost-Road-Accident-2015>

Good Ideas	<ul style="list-style-type: none"> • Police officer comes to visit the science and may be there to save people • Daylight may change accident severity • Road wetness matters
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