# REGISTER



# Jurisdiction: Victoria

The challenge is to analyse vehicle registration data and explore the relationship between vehicle types and the uptake of EVs. Identify and analyse factors that may influence the adoption of electric vehicles.

The challenge is to analyse vehicle registration data and explore the relationship between vehicle types and the uptake of EVs.

- Identify and analyse factors that may influence the adoption of electric vehicles. This could include variables such as:
- Government subsidies and incentives
- Charging infrastructure availability
- Price of EVs
- Consumer preferences
- Location

Challenge entries could develop predictive models to forecast future electric vehicle adoption rates. Look at how these scenarios could highlight deficiencies in infrastructure to support the adoption of EVs.

Document the data sources, methodologies and assumptions made during the analysis.

#### Data description

The resources available consist of historical data spanning the last 6 years, including:

- new vehicle registrations,
- vehicle transfers,
- and a snapshot of all registered vehicles in Victoria.

The data includes information such as:

- as year of manufacture,
- vehicle make and type,
- and fuel type.

#### Datasets - from Data.Vic (use at least 1)

- This dataset contains the count of all vehicles registered in Victoria aggregated by Vehicle Make, Postcode. Fuel Type, Vehicle Class, Year of Manufacture and colour (new release)
- This dataset contains the count of all vehicles registered in Victoria aggregated by Vehicle Make, Model, colour (new release)
- This dataset contains the count of New Vehicles Registrations in Victoria aggregated by Vehicle Make, Model, Year of manufacture, and colour Link
- New Vehicle Registrations 2018-2022 <u>Link</u>
- This dataset contains the count of Vehicle Registration Transfers in Victoria aggregated by Vehicle Make, Model, Year of manufacture and colour Link
- This dataset contains historic Vehicle Registration Transfers data from 2018 to 2022 Link

## **Additional Information**

### **Relevant links:**

- Electric Vehicle Council Australian EV Charger Map <u>Link</u>
- Dept. Of Infrastructure, Transport, Regional Dev, Communications and the Arts. This release provides statistics relating to the number of vehicles registered for road use in Australia on 31st January 2023 <u>Link</u>
- The Green Vehicle Guide provides data and tools to help you understand a vehicle's environmental impact Link
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Eligibility: Use at least 1 dataset from Data. Vic list.

Entry: Challenge entry is available to all teams in Australia.

### Dataset Highlight

Road Vehicles Australia	
Go to Dataset	
VIC - Vehicle Transfers 2018-2022	
Go to Dataset	
VIC - Monthly Vehicle Transfers	
<u>Go to Dataset</u>	
VIC-New Vehicle Registrations 2018-2022	
<u>Go to Dataset</u>	
VIC-Monthly New Vehicle Registrations	
Go to Dataset	
VIC-Fleet Vehicle Registration by Model	
<u>Go to Dataset</u>	
VIC-Fleet Vehicle Registration by Postcode	
Go to Dataset	

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