EV chargers and EV in NSW

# Team Members

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# Project description

Using a dataset with the location of EV chargers in New South Walles and the registration of electrical vehicles found in <https://nationalmap.gov.au/>, we aim to create a dashboard that allows users to navigate through the datasets and find relationships between vehicles registered per postcode, EV chargers available, number of vehicles registered per year, brands of the vehicles registered, and all different demographic information.

# Research question to answer

* What is the relationship between the electrical vehicles registered per postcodes in NSW and the EV chargers available?
* What is the number of electrical vehicles registered per year?
* What are the main brands registered in NSW?

# Datasets to be used

* chargers\_by\_postcode\_prototype.csv
* ev\_evc\_prototype.csv
* [NationalMap](https://nationalmap.gov.au/)

# Rough breakdown of tasks

* Clone repository to desktops
* Upload original datasets and update readme file with project description
* Merge and clean data
* Analyse tendencies and relationship between Uber trips and weather
* Analyse tendencies and relationship between Uber trips prices and weather
* Geolocate pick up/drop off locations. Area type (rural/city etc)
* Relationship between amount of passengers vs weather conditions
* Generate conclusions
* Organise presentation