

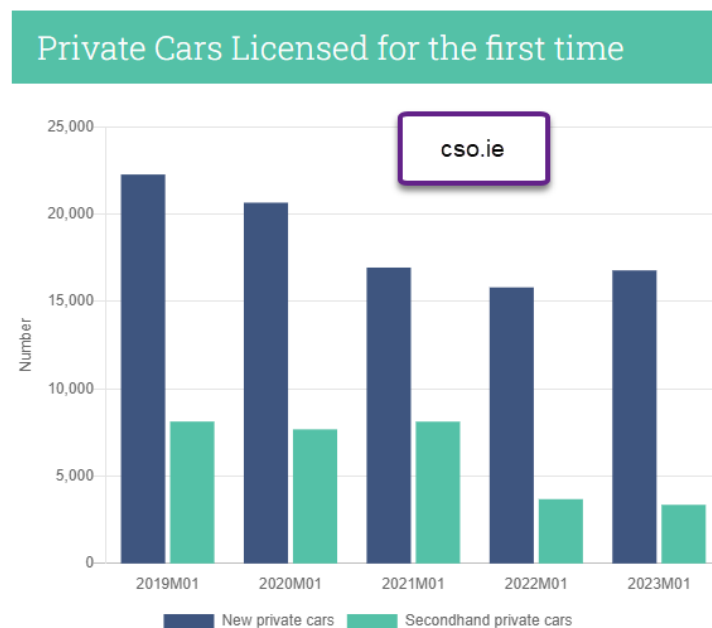
Data Visualisation CA1 Vehicle stats

Due date March 16th

For this assignment you are asked to use D3 data visualisation to represent the data taken from the `vehicles.csv` file supplied by the central statistics office (CSO.IE). The file contains details of vehicles registered in Ireland over the past five years.

Create a web page that has the data visualisation capabilities to represent this data in the following visual ways: **line or scatter plot, bar, pie and doughnut** charts. The charts are required to represent the following:

- graph displaying all new registered vehicles past five years. **LP**
- graph for displaying all registered vehicles in a selected year. **Pie**
- graph highlighting the differences in registration of private and second-hand vehicles over the past five years. (see CSO example diagram below). **SAV Bar**
- graph of tractor registrations per month. **SP**
- student data visualization of the vehicle data, the information chosen is left to your own discretion. **Doughnut**



Marking scheme

Bar charts	20%
Pie charts	20%
Line or scatter plot charts	20%
Doughnuts	10%
Student Selected Data	15%
Web Page GUI	15%

Plagiarism – Any material copied either between students or taken verbatim from the internet will be marked zero.

Late hand ups - You will be penalised for late submission as detailed in the quality manual.