Package ‘fueleconomy’

August 29, 2016

Title EPA fuel economy data
Version 0.1
Description Fuel economy data from the EPA, 1985-2015, conveniently packaged for consumption by R users.
Depends R (>= 3.1.0)
License CC0
LazyData true
Suggests dplyr
URL http://github.com/hadley/fueleconomy
Author 'Hadley Wickham' [aut, cre]
Maintainer 'Hadley Wickham' <h.wickham@gmail.com>
NeedsCompilation no
Repository CRAN
Date/Publication 2014-07-22 11:08:43

R topics documented:

common .......................................................... 1
vehicles ......................................................... 2

Index 4

<table>
<thead>
<tr>
<th>common</th>
<th>Common models</th>
</tr>
</thead>
</table>

Description

These models have at least 10 years worth of data. This dataset is suitable for a left-join designed to restrict the number of observations to a more manageable level.
vehicles

Usage

common

Format

A dataset with variables make, model, n (total number of models) and years (total number of model-years).

Examples

if (require("dplyr")) {
  vehicles %>% semi_join(common)
}

vehicles

Vehicle data

Description

Fuel economy data from the EPA, 1985-2015. This dataset contains selected variables, and removes vehicles with incomplete data (e.g. no drive train data)

Usage

vehicles

Format

A data frame with variables:

- id  Unique EPA identifier
- make Manufacturer
- model Model name
- year Model year
- class EPA vehicle size class, [http://www.fueleconomy.gov/feg/ws/wsData.shtml#VClass](http://www.fueleconomy.gov/feg/ws/wsData.shtml#VClass)
- trans Transmission
- drive Drive train
- cyl Number of cylinders
- displ Engine displacement, in litres
- fuel Fuel type
- hwy Highway fuel economy, in mpg
- cty City fuel economy, in mpg
vehicles

Source

http://www.fueleconomy.gov/feg/download.shtml

Examples

```r
if (require("dplyr")) {
  vehicles
  vehicles %>% group_by(year) %>% summarize(cty = mean(cty))
}
```
Index

*Topic datasets
  common, 1
  vehicles, 2

common, 1

vehicles, 2