Package 'fueleconomy'

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Title EPA Fuel Economy Data

Version 1.0.0

Description Fuel economy data from the EPA, 1985-2015, conveniently packaged for consumption by R users.

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URL https://github.com/hadley/fueleconomy

BugReports https://github.com/hadley/fueleconomy/issues

Depends R (>= 3.1.0)

Suggests dplyr

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

NeedsCompilation no

Author Hadley Wickham [aut, cre]

Maintainer Hadley Wickham <hadley@rstudio.com>

Repository CRAN

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Contents

common *Common models*

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.

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 varaibles, 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

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

Source

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

Examples

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

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