Package 'fueleconomy'

October 13, 2022

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

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Repository CRAN

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R topics documented:

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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)
}
```

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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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