

Package ‘courserafars’

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Type Package
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Title Building R packages
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Description This package is the final assignment of the course.
License GPL-2
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R topics documented:

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courserafars	<i>Coursera Fars Package</i>
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Description

This package is the final assignment of the course.

Author(s)

Mario Morales <mario@mario.cl>

fars_map_state	<i>Plot state accidents</i>
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Description

This function plots the accidents that occurred within the selected years in the selected states.

Usage

```
fars_map_state(state.num, year)
```

Arguments

state.num	A vector indicating the number of the states to plot.
year	A vector indicating the years of the accidents to plot.

Value

This function returns a dataframe. The first column indicates the month, and each subsequent column shows the number of observations in that month for a specific year.

Examples

```
## Not run:  
fars_map_state(1, 2014)  
fars_map_state(5:10, 2013:2015)  
  
## End(Not run)
```

fars_read	<i>Read filename</i>
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Description

This function reads a csv file.

Usage

```
fars_read(filename)
```

Arguments

filename	A character string giving the name of the file to read.
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Value

This function returns a dataframe with the data contained in the specified file.

Value

This function returns a dataframe. The first column indicates the month, and each subsequent column shows the number of observations in that month for a specific year.

Examples

```
## Not run:  
fars_summarize_years(2013:2015)  
  
## End(Not run)
```

make_filename	<i>Make filename</i>
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Description

This function returns the name of a filename.

Usage

```
make_filename(year)
```

Arguments

year	Year of the data that the file will contain.
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Value

This function returns a string with the name of the file.

Examples

```
## Not run:  
make_filename(2017)  
  
## End(Not run)
```

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