

Package: jpaccidents (via r-universe)

September 1, 2024

Title Tools for Traffic Accident Data in Japan

Version 0.1.3

Description What the package does (one paragraph).

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports celestial, cli, curl, dplyr, lubridate, readr, rlang, scales,
sf, stringr, tidyselect

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Depends R (>= 4.1.0)

LazyData true

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Repository <https://nononoexe.r-universe.dev>

RemoteUrl <https://github.com/NONONOexe/jpaccidents>

RemoteRef HEAD

RemoteSha 70885388779d94019366d15293ec88b86a2b2e02

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download_accident_data

Download the traffic accident data

Description

Download the file of traffic accident data provided the National Police Agency's Web page (<https://www.npa.go.jp/publication>)

The traffic accident data are divided into the following types:

- main (honhyo; use `download_accident_main_data()`)
- sub (hojuhyo; use `download_accident_sub_data()`)
- highway (kosokuhyo; use `download_accident_highway_data()`)

Please use the function corresponding to the type of data you want to download.

Usage

```
download_accident_main_data(download_dir = getwd(), year = 2022)
```

```
download_accident_sub_data(download_dir = getwd(), year = 2022)
```

```
download_accident_highway_data(download_dir = getwd(), year = 2022)
```

Arguments

`download_dir` A directory where downloaded file is to saved (default: `getwd()`).

`year` Year the traffic accident data was recorded. Available from 2019 to 2022 (default: 2022).

Value

Path of the downloaded file (invisibly).

Examples

```
## Not run:  
download_accident_main_data("download-dir-path", 2021)  
download_accident_sub_data("download-dir-path", 2021)  
download_accident_highway_data("download-dir-path", 2021)  
  
## End(Not run)
```

read_accident_data	<i>Read the traffic accident data</i>
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Description

Read the file of traffic accident data.

Use the appropriate function for the type of data you want to read:

- `read_accident_main_data()` to read the main data (honhyo).
- `read_accident_sub_data()` to read the sub data (hojuhyo).
- `read_accident_highway_data()` to read the highway data (kosokuhyo).

Usage

```
read_accident_main_data(file)
```

```
read_accident_sub_data(file)
```

```
read_accident_highway_data(file)
```

Arguments

`file` A character string of the file path.

Value

`read_accident_main_data()` separates traffic accident data and injured party data from the target data and returns them as a list. `read_accident_sub_data()` and `read_accident_highway_data()` return the contents of the target data as a tibble.

Examples

```
## Not run:  
read_accident_main_data("downloaded-file-path.csv")  
read_accident_sub_data("downloaded-file-path.csv")  
read_accident_highway_data("downloaded-file-path.csv")  
  
## End(Not run)
```

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