Package: JapanAPIs (via r-universe)

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Type Package

Title Access Japanese Data via Public APIs and Curated Datasets

Version 0.1.1

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Description Provides functions to access data from public RESTful APIs including 'Nager.Date', 'World Bank API', and 'REST Countries API', retrieving real-time or historical data related to Japan, such as holidays, economic indicators, and international demographic and geopolitical indicators. Additionally, the package includes one of the largest curated collections of open datasets focused on Japan, covering topics such as natural disasters, economic production, vehicle industry, air quality, demographics, and administrative divisions. The package supports reproducible research and teaching by integrating reliable international APIs and structured datasets from public, academic, and government sources. For more information on the APIs, see: 'Nager.Date' <https://date.nager.at/Api>, 'World Bank API' <https://datahelpdesk.worldbank.org/knowledgebase/articles/889392>, and 'REST Countries API' <https://restcountries.com/>.

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Language en

URL https://github.com/lightbluetitan/japanapis, https://lightbluetitan.github.io/japanapis/

BugReports https://github.com/lightbluetitan/japanapis/issues

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`atomic_bomb_survivors_df`

Japanese Atomic Bomb Survivors

Description

This dataset, atomic_bomb_survivors_df, is a data frame containing frequencies of cancer deaths among Japanese atomic bomb survivors, categorized by extent of exposure, years after exposure, and age group. The dataset was used in the journal Statistical Sleuth and analyzed by Gore et al. (2006).

Usage

```
data(atomic_bomb_survivors_df)
```

Format

A data frame with 84 observations and 4 variables:

Radians Radiation exposure level (integer)

Count.Type Type of count (factor)

Count.Age.Group Age group at time of observation (factor)

Frequency Frequency of cancer deaths (integer)

Details

The dataset name has been kept as 'atomic_bomb_survivors_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the ACSWR package version 1.0

`centenarian_df` *Japanese Centenarians Data*

Description

This dataset, centenarian_df, is a data frame containing the number of deaths at each year from 1963 to 1980 for Japanese male centenarians. The data is based on Table 2 of Emura and Murotani (2015), and also references the original work of Sibuya & Hanayama (2004).

Usage

```
data(centenarian_df)
```

Format

A data frame with 21 observations and 19 variables:

X Age or identifier (numeric)

X1963 Number of deaths in 1963 (integer)

X1964 Number of deaths in 1964 (integer)

X1965 Number of deaths in 1965 (integer)

X1966 Number of deaths in 1966 (integer)

X1967 Number of deaths in 1967 (integer)

X1968 Number of deaths in 1968 (integer)

X1969 Number of deaths in 1969 (integer)

X1970 Number of deaths in 1970 (integer)

X1971 Number of deaths in 1971 (integer)

X1972 Number of deaths in 1972 (integer)

X1973 Number of deaths in 1973 (integer)

X1974 Number of deaths in 1974 (integer)

X1975 Number of deaths in 1975 (integer)

X1976 Number of deaths in 1976 (integer)

X1977 Number of deaths in 1977 (integer)

X1978 Number of deaths in 1978 (integer)

X1979 Number of deaths in 1979 (integer)

X1980 Number of deaths in 1980 (integer)

Details

The dataset name has been kept as 'centenarian_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the depend.truncation package version 3.0

`earthquake_station_sf` *Earthquake Observation Stations in Japan*

Description

This dataset, earthquake_station_sf, is a spatial features (sf) tibble containing information about 671 earthquake observation stations managed by the Japan Meteorological Agency. It includes details such as the prefecture, area, station name, address, and observation period.

Usage

```
data(earthquake_station_sf)
```

Format

An sf object with 671 observations and 7 variables:

prefecture Name of the prefecture (character)

area Area within the prefecture (character)

station_name Name of the observation station (character)

address Physical address of the station (character)

observation_begin Start date of observation (character)

observation_end End date of observation, if available (character)

geometry XY coordinates of the station (sf geometry column)

Details

The dataset name has been kept as 'earthquake_station_sf' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'sf' indicates that the dataset is a spatial features object. The original content has not been modified in any way.

Source

Data taken from the jmastats package version 0.3.0

`get_country_info_jp` *Get Key Country Information About Japan from the REST Countries API*

Description

Retrieves selected, essential information about Japan using the REST Countries API. The function returns a tibble with core details such as population, area, capital, region, and official language(s).

See the API documentation at https://restcountries.com/. Example API usage: https://restcountries.com/v3.1/name/japan?fullText=true.

Usage

```
get_country_info_jp()
```

Details

The function sends a GET request to the REST Countries API. If the API returns data for Japan, the function extracts and returns selected fields as a tibble. If the request fails or Japan is not found, it returns `NULL` and prints an informative message.

Value

A tibble with the following 8 columns, or `NULL` if the API is unavailable:

- `name_common`: Common name of the country.
- `name_official`: Official name of the country.
- `region`: Geographical region.
- `subregion`: Subregion within the continent.
- `capital`: Capital city.
- `area`: Area in square kilometers.
- `population`: Population of the country.
- `languages`: Languages spoken in the country, as a comma-separated string.

Note

Requires internet connection. The data is retrieved in real time from the REST Countries API.

Source

REST Countries API: https://restcountries.com/

Examples

```
# Requires internet connection
result <- get_country_info_jp()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_child_mortality` *Get Under-5 Mortality Rate in Japan from World Bank*

Description

Retrieves Japan's under-five mortality rate (per 1,000 live births) for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `SH.DYN.MORT`.

Usage

```
get_japan_child_mortality()
```

Details

This function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Mortality rate, under-5 (per 1,000 live births)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Under-5 mortality rate per 1,000 live births (numeric)

Note

Requires internet connection.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SH.DYN.MORT

See Also

`GET`, `fromJSON`, `as_tibble`

Examples

```
# Requires internet connection
result <- get_japan_child_mortality()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_cpi` *Get Japan's Consumer Price Index from World Bank*

Description

Retrieves Japan's Consumer Price Index (2010 = 100) for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `FP.CPI.TOTL`.

Usage

```
get_japan_cpi()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Consumer price index (2010 = 100)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Consumer Price Index value in numeric form

Note

Requires internet connection. The data is retrieved in real time from the World Bank API.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/FP.CPI.TOTL

See Also

`GET`, `fromJSON`, `as_tibble`

Examples

```
# Requires internet connection
result <- get_japan_cpi()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_energy_use` *Get Japan's Energy Use (kg of oil equivalent per capita) from World Bank*

Description

Retrieves Japan's energy use per capita, measured in kilograms of oil equivalent, for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `EG.USE.PCAP.KG.OE`.

Usage

```
get_japan_energy_use()
```

Details

This function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Energy use (kg of oil equivalent per capita)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Energy use in kilograms of oil equivalent per capita

Note

Requires internet connection.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/EG.USE.PCAP.KG.OE

See Also

`GET`, `fromJSON`, `as_tibble`

Examples

```
# Requires internet connection
result <- get_japan_energy_use()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_gdp` *Get Japan's GDP (Current US$) from World Bank*

Description

Retrieves Japan's Gross Domestic Product (GDP) in current US dollars for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `NY.GDP.MKTP.CD`.

Usage

```
get_japan_gdp()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "GDP (current US$)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: GDP value in numeric form
- `value_label`: Formatted GDP value (e.g., "1,466,464,899,304")

Note

Requires internet connection. The data is retrieved in real time from the World Bank API.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/NY.GDP.MKTP.CD

See Also

`GET`, `fromJSON`, `as_tibble`, `comma`

Examples

```
# Requires internet connection
result <- get_japan_gdp()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_holidays` *Get Official Public Holidays in Japan for a Given Year*

Description

Retrieves the list of official public holidays in Japan for a specific year using the Nager.Date public holidays API. This function returns a tibble containing the date of the holiday, the name in the local language (Japanese), and the English name. It is useful for academic, planning, and data analysis purposes. The information is retrieved directly from the Nager.Date API and reflects the current status of holidays for the requested year. The field names returned are consistent with the API structure.

Usage

```
get_japan_holidays(year)
```

Arguments

`year`	An integer indicating the year (e.g., 2024 or 2025).

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `date`: Date of the holiday (class `Date`)
- `local_name`: Holiday name in the local language (Japanese)
- `name`: Holiday name in English

Source

Data obtained from the Nager.Date API: https://date.nager.at/

Examples

```
# Requires internet connection
result <- get_japan_holidays(2024)
if (!is.null(result)) {
  print(result)
}

result <- get_japan_holidays(2025)
if (!is.null(result)) {
  print(result)
}
```

`get_japan_hospital_beds`

Get Hospital Beds per 1,000 People in Japan from World Bank

Description

Retrieves data on the number of hospital beds per 1,000 people in Japan from 2010 to 2022 using the World Bank Open Data API. The indicator used is `SH.MED.BEDS.ZS`.

Usage

```
get_japan_hospital_beds()
```

Details

This function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Hospital beds (per 1,000 people)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Hospital beds per 1,000 people (numeric)

Note

Requires internet connection.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SH.MED.BEDS.ZS

See Also

GET, fromJSON, as_tibble

Examples

```
# Requires internet connection
result <- get_japan_hospital_beds()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_life_expectancy`

Get Japan's Life Expectancy at Birth from World Bank

Description

Retrieves Japan's life expectancy at birth (in years) for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `SP.DYN.LE00.IN`.

Usage

```
get_japan_life_expectancy()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Life expectancy at birth, total (years)")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Life expectancy value in numeric form (years)

Note

Requires internet connection. The data is retrieved in real time from the World Bank API.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SP.DYN.LE00.IN

See Also

GET, fromJSON, as_tibble

Examples

```
# Requires internet connection
result <- get_japan_life_expectancy()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_literacy_rate`

Get Japan's Literacy Rate (Age 15+) from World Bank

Description

Retrieves Japan's literacy rate for adults aged 15 and above, expressed as a percentage, for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `SE.ADT.LITR.ZS`.

Usage

```
get_japan_literacy_rate()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Literacy rate, adult total (
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Literacy rate as numeric percentage

Note

Requires internet connection. The data is retrieved in real time from the World Bank API. Note that literacy rate data for Japan may not be available for all years in the World Bank database.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SE.ADT.LITR.ZS

See Also

GET, fromJSON, as_tibble

Examples

```
# Requires internet connection
result <- get_japan_literacy_rate()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_population` *Get Japan's Total Population from World Bank*

Description

Retrieves Japan's total population for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `SP.POP.TOTL`.

Usage

```
get_japan_population()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Population, total")
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Population as a numeric value
- `value_label`: Formatted population with commas (e.g., "126,000,000")

Note

Requires internet connection. The data is retrieved in real time from the World Bank API.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SP.POP.TOTL

See Also

GET, fromJSON, as_tibble, comma

Examples

```
# Requires internet connection
result <- get_japan_population()
if (!is.null(result)) {
  print(result)
}
```

`get_japan_unemployment`

Get Japan's Unemployment Rate from World Bank

Description

Retrieves Japan's Unemployment, total (for the years 2010 to 2022 using the World Bank Open Data API. The indicator used is `SL.UEM.TOTL.ZS`.

Usage

```
get_japan_unemployment()
```

Details

The function sends a GET request to the World Bank API. If the API request fails or returns an error status code, the function returns `NULL` with an informative message.

Value

A tibble with the following columns, or `NULL` if the API is unavailable:

- `indicator`: Indicator name (e.g., "Unemployment, total (
- `country`: Country name ("Japan")
- `year`: Year of the data (integer)
- `value`: Unemployment rate as percentage in numeric form

Note

Requires internet connection. The data is retrieved in real time from the World Bank API.

Source

World Bank Open Data API: https://data.worldbank.org/indicator/SL.UEM.TOTL.ZS

See Also

GET, fromJSON, as_tibble

Examples

```
# Requires internet connection
result <- get_japan_unemployment()
if (!is.null(result)) {
  print(result)
}
```

---

hiroshima_tbl_df *Hiroshima Atomic Bomb Survivors Cancer Data*

Description

This dataset, hiroshima_tbl_df, is a tibble containing data on the number of deaths from leukemia and other cancers among survivors of the Hiroshima atom bomb. The data cover deaths that occurred during the period 1950–1959 among survivors who were aged 25 to 64 years in 1950.

Usage

```
data(hiroshima_tbl_df)
```

Format

A tibble with 6 observations and 4 variables:

radiation Radiation exposure category (character)

leukemia Number of deaths from leukemia (numeric)

other cancer Number of deaths from other cancers (numeric)

total cancers Total number of cancer deaths (numeric)

Details

The dataset name has been kept as 'hiroshima_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the dobson package version 0.4

`J1League_tbl_df` *Japanese J1 League Results*

Description

This dataset, J1League_tbl_df, is a tibble containing results of Japan's J1 League matches from 2012 to 2022. The dataset includes information such as the season, match date and time, home and away teams, goals scored, and final match result. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(J1League_tbl_df)
```

Format

A tibble with 3,213 observations and 7 variables:

Season Season year of the match (numeric)

DateTime Date and time of the match (POSIXct)

Home Home team name (character)

Away Away team name (character)

HG Number of goals scored by the home team (numeric)

AG Number of goals scored by the away team (numeric)

Res Final result of the match (character)

Details

The dataset name has been kept as 'J1League_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/irkaal/japanese-j1-league

`japan_birth_stats_tbl_df` *Japan Birth Demographics*

Description

This dataset, japan_birth_stats_tbl_df, is a tibble containing Japan's birth-related demographic statistics from 1899 to 2022. The dataset includes birth counts by gender, birth rate, fertility rate, infant deaths, stillbirths, birth order, gestational weeks, average parental ages, and legitimacy of births. Some data are missing between the years 1944 and 1946 due to records lost during World War II. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(japan_birth_stats_tbl_df)
```

Format

A tibble with 124 observations and 51 variables:

...1 Index column (numeric)

year Year of observation (numeric)

birth_total Total number of births (numeric)

birth_male Number of male births (numeric)

birth_female Number of female births (numeric)

birth_rate Birth rate per 1,000 population (numeric)

birth_gender_ratio Male to female birth ratio (numeric)

total_fertility_rate Total fertility rate (numeric)

population_total Total population (numeric)

population_male Male population (numeric)

population_female Female population (numeric)

infant_death_total Total number of infant deaths (numeric)

infant_death_male Number of male infant deaths (numeric)

infant_death_female Number of female infant deaths (numeric)

infant_death_unknown_gender Infant deaths with unknown gender (numeric)

infant_death_rate Infant mortality rate (numeric)

infant_death_gender_ratio Male to female infant death ratio (numeric)

infant_deaths_in_total_deaths Proportion of infant deaths in total deaths (numeric)

stillbirth_total Total number of stillbirths (numeric)

stillbirth_male Number of male stillbirths (numeric)

stillbirth_female Number of female stillbirths (numeric)

stillbirth_unknown_gender Stillbirths with unknown gender (numeric)

stillbirth_rate Stillbirth rate (numeric)

stillbirth_gender_ratio Male to female stillbirth ratio (numeric)

firstborn Number of firstborn children (numeric)

secondborn Number of secondborn children (numeric)

thirdborn Number of thirdborn children (numeric)

forthborn Number of fourthborn children (numeric)

fifthborn_and_above Number of fifthborn and above children (numeric)

weeks_under_28 Births before 28 gestational weeks (numeric)

weeks_28-31 Births between 28 and 31 gestational weeks (numeric)

weeks_32-36 Births between 32 and 36 gestational weeks (numeric)

weeks_37-41 Births between 37 and 41 gestational weeks (numeric)

weeks_over_42 Births after 42 gestational weeks (numeric)

mother_age_avg Average age of mothers (numeric)

mother_age_firstborn Average age of mothers for firstborns (numeric)

mother_age_secondborn Average age of mothers for secondborns (numeric)

mother_age_thirdborn Average age of mothers for thirdborns (numeric)

mother_age_under_19 Births to mothers under 19 years (numeric)

mother_age_20-24 Births to mothers aged 20–24 (numeric)

mother_age_25-29 Births to mothers aged 25–29 (numeric)

mother_age_30-34 Births to mothers aged 30–34 (numeric)

mother_age_35-39 Births to mothers aged 35–39 (numeric)

mother_age_40-44 Births to mothers aged 40–44 (numeric)

mother_age_over_45 Births to mothers over 45 years (numeric)

father_age_avg Average age of fathers (numeric)

father_age_firstborn Average age of fathers for firstborns (numeric)

father_age_secondborn Average age of fathers for secondborns (numeric)

father_age_thirdborn Average age of fathers for thirdborns (numeric)

legitimate_child Number of legitimate children (numeric)

illegitimate_child Number of illegitimate children (numeric)

Details

The dataset name has been kept as 'japan_birth_stats_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/webdevbadger/japan-birth-statistics

`japan_population_tbl_df` *Japan Population Data*

Description

This dataset, japan_population_tbl_df, is a tibble containing Japan's population over time and space. In this dataset you will find the raw population numbers for the prefectures, going as far back as the 1870s. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(japan_population_tbl_df)
```

Format

A tibble with 2,632 observations and 7 variables:

prefecture Name of the prefecture (character)

year Year of the population observation (numeric)

population Total population in that year (numeric)

capital Name of the prefectural capital (character)

region Geographic region of the prefecture (character)

estimated_area Estimated area of the prefecture in square kilometers (numeric)

island Name of the island to which the prefecture belongs (character)

Details

The dataset name has been kept as 'japan_population_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/jd1325/japan-population-data

`japan_universities_tbl_df` *Japanese Universities*

Description

This dataset, japan_universities_tbl_df, is a tibble containing comprehensive data about 813 universities in Japan. It includes information such as the university name (in English and Japanese), location, type, year founded, number of faculties and departments, availability of graduate and remote programs, and difficulty and review metrics. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(japan_universities_tbl_df)
```

Format

A tibble with 813 observations and 22 variables:

...1 Index column (numeric)

code University code (character)

name University name in English (character)

name_jp University name in Japanese (character)

type Type of university (e.g., Public, Private) (character)

type_jp Type of university in Japanese (character)

address Full address of the university (character)

postal_code Postal code (character)

phone Contact phone number (character)

state Name of the prefecture or region in English (character)

state_jp Name of the prefecture or region in Japanese (character)

latitude Latitude coordinate (numeric)

longitude Longitude coordinate (numeric)

found Year the university was founded (character)

faculty_count Number of faculties (numeric)

department_count Number of departments (numeric)

has_grad Whether the university has graduate programs (logical)

has_remote Whether the university offers remote programs (logical)

review_rating Average user review rating (numeric)

review_count Number of user reviews (numeric)

difficulty_SD Standard deviation of difficulty ratings (numeric)

difficulty_rank Relative difficulty rank (character)

Details

The dataset name has been kept as 'japan_universities_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/webdevbadger/japanese-universities

---

`JapanAPIs` *JapanAPIs: Access Japanese Data via Public APIs and Curated Datasets*

Description

This package provides functions to access data from public RESTful APIs including 'Nager.Date', 'World Bank API', and 'REST Countries API', retrieving real-time or historical data related to Japan, such as holidays, economic indicators, international demographic and geopolitical indicators. Additionally, the package includes one of the largest curated collections of open datasets focused on Japan, covering topics such as natural disasters, economic production, vehicle industry, air quality, demographics, and administrative divisions.

Details

JapanAPIs: Access Japanese Data via Public APIs and Curated Datasets

Access Japanese Data via Public APIs and Curated Datasets.

Author(s)

Maintainer: Renzo Caceres Rossi <arenzocaceresrossi@gmail.com>

See Also

Useful links:

- https://github.com/lightbluetitan/japanapis

japanese_whisky_tbl_df

Japanese Whisky Review Dataset

Description

This dataset, japanese_whisky_tbl_df, is a tibble containing over 1,000 reviews of Japanese whisky. The dataset includes the bottle name, brand, review title, and full review content. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(japanese_whisky_tbl_df)
```

Format

A tibble with 1,130 observations and 5 variables:

...1 Index column (numeric)

Bottle_name Name of the whisky bottle (character)

Brand Brand of the whisky (character)

Title Title of the review (character)

Review_Content Full text content of the review (character)

Details

The dataset name has been kept as 'japanese_whisky_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/koki25ando/japanese-whisky-review

JNcharacter_df

Japanese National Character Survey Sample

Description

This dataset, JNcharacter_df, is a data frame containing a subset of responses from the Survey on the Japanese National Character. It includes demographic variables and responses related to values, opinions, and attitudes.

Usage

```
data(JNcharacter_df)
```

Format

A data frame with 85 observations and 10 variables:

sex Sex of the respondent (numeric)

age Age of the respondent (numeric)

pol.party Political party preference (numeric)

education Level of education (numeric)

occupation Occupation category (numeric)

born.again Religious identification: born again or not (numeric)

difficult Perception of life as difficult (numeric)

pleasure Attitude toward pleasure (numeric)

women.job Opinion on women working (numeric)

money Importance of money (numeric)

Details

The dataset name has been kept as 'JNcharacter_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the catdap package version 1.3.7

---

jpn_climate_stations_tbl_df

Climate Stations in Japan

Description

This dataset, jpn_climate_stations_tbl_df, is a tibble containing information about 157 climate observation stations located across various regions and prefectures in Japan. It includes details such as station name, location, altitude, coordinates, and city information.

Usage

```
data(jpn_climate_stations_tbl_df)
```

Format

A tibble with 157 observations and 11 variables:

region Geographical region where the station is located (character)

pref Prefecture name (character)

no Station number (character)

station Station name (character)

altitude Altitude of the station (character)

latitude Latitude coordinate (character)

longitude Longitude coordinate (character)

NS Latitude direction, North or South (character)

WE Longitude direction, West or East (character)

yomi Station name in Japanese phonetic script (character)

city City name (character)

Details

The dataset name has been kept as 'jpn_climate_stations_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the clidatajp package version 0.5.2

---

jpn_climate_tbl_df *Climate Data in Japan*

Description

This dataset, jpn_climate_tbl_df, is a tibble containing climate data from various observation stations across Japan. It includes monthly data on temperature, precipitation, snowfall, solar insolation, and metadata such as station name, location, altitude, and coordinates.

Usage

```
data(jpn_climate_tbl_df)
```

Format

A tibble with 3,768 observations and 14 variables:

no Observation number (numeric)

station Name of the weather station (character)

month Month of observation (numeric)

temperature Average temperature (numeric)

precipitation Monthly precipitation (numeric)

snowfall Monthly snowfall (numeric)

insolation Monthly solar insolation (numeric)

country Country name (character)

period Measurement period or time range (character)

altitude Altitude of the station (numeric)

latitude Latitude coordinate (numeric)

longitude Longitude coordinate (numeric)

NS Latitude direction, North or South (character)

WE Longitude direction, West or East (character)

Details

The dataset name has been kept as 'jpn_climate_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the clidatajp package version 0.5.2

`jpn_eq_miyagi_2003_df` *July 26, 2003 N. Miyagi Earthquake Aftershocks*

Description

This dataset, jpn_eq_miyagi_2003_df, is a data frame containing aftershock data from the earthquake of magnitude 6.2 that occurred on 26th July 2003 in northern Miyagi-Ken, Japan. It includes information on the time of occurrence, geographic coordinates, depth, and magnitude of each aftershock event.

Usage

```
data(jpn_eq_miyagi_2003_df)
```

Format

A data frame with 2305 observations and 5 variables:

time Time of aftershock event (numeric)

longitude Longitude coordinate (numeric)

latitude Latitude coordinate (numeric)

depth Depth in kilometers (numeric)

magnitude Magnitude of the aftershock (numeric)

Details

The dataset name has been kept as 'jpn_eq_miyagi_2003_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the mmpp package version 0.6

---

jpn_gdp_cons_df *Household Consumption and GDP in Japan (1978–2007)*

Description

This dataset, jpn_gdp_cons_df, is a data frame containing information on Household Consumption (C) and Gross Domestic Product (GDP, denoted as Y) in Japan from 1978 to 2007. The data is useful for analyzing structural breaks under heteroskedasticity.

Usage

```
data(jpn_gdp_cons_df)
```

Format

A data frame with 30 observations and 3 variables:

Year Calendar year (integer)

C Household Consumption (integer)

Y Gross Domestic Product (GDP) (integer)

Details

The dataset name has been kept as 'jpn_gdp_cons_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the SupMZ package version 0.2.0

`jpn_manga_hafu_df` *Half-Caste Manga Characters*

Description

This dataset, jpn_manga_hafu_df, is a data frame containing information on half-caste manga characters. It includes attributes such as the year of publication, manga series, character name, gender, parental origin, and physical traits like eye and hair color.

Usage

```
data(jpn_manga_hafu_df)
```

Format

A data frame with 296 observations and 9 variables:

Year Year of publication (integer)

Series Manga series name (factor)

Character Character name (factor)

Gender Gender of the character (factor)

Father Father's origin (factor)

Mother Mother's origin (factor)

Eyes Eye color (factor)

Hair Hair color (factor)

Notes Additional notes about the character (factor)

Details

The dataset name has been kept as 'jpn_manga_hafu_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the learningr package version 0.29.1

jpn_prefectures_tbl_df

Japan Prefectures 7x7 Grid Dataset

Description

This dataset, jpn_prefectures_tbl_df, is a tibble representing Japan's 47 prefectures arranged in a 7x7 grid layout. It includes prefectural codes, names in both romaji and kanji, regions, major islands, and grid coordinates.

Usage

```
data(jpn_prefectures_tbl_df)
```

Format

A tibble with 47 observations and 8 variables:

jis_code JIS code of the prefecture (character)

prefecture Prefectural name in romaji (character)

region Geographical region of the prefecture (factor)

major_island Major island the prefecture belongs to (character)

prefecture_kanji Prefectural name in kanji (character)

region_kanji Region name in kanji (factor)

x X coordinate for grid placement (integer)

y Y coordinate for grid placement (integer)

Details

The dataset name has been kept as 'jpn_prefectures_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the tabularmaps package version 0.1.0

`jpn_suicides_tbl_df` *Suicides in Japan by Sex and Age (1978–2022)*

Description

This dataset, jpn_suicides_tbl_df, is a tibble containing the number of suicides in Japan from 1978 to 2022 by sex and age group. The dataset includes suicide counts for males and females, overall suicide rates, and counts by specific age ranges. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(jpn_suicides_tbl_df)
```

Format

A tibble with 45 observations and 14 variables:

year Year of observation (numeric)

num_suicide_male Number of male suicides (numeric)

num_suicide_female Number of female suicides (numeric)

suicide_rate Overall suicide rate (numeric)

suicide_rate_male Suicide rate among males (numeric)

suicide_rate_female Suicide rate among females (numeric)

num_suicide_age_0_19 Number of suicides aged 0–19 (numeric)

num_suicide_age_20_29 Number of suicides aged 20–29 (numeric)

num_suicide_age_30_39 Number of suicides aged 30–39 (numeric)

num_suicide_age_40_49 Number of suicides aged 40–49 (numeric)

num_suicide_age_50_59 Number of suicides aged 50–59 (numeric)

num_suicide_60_plus Number of suicides aged 60 and above (numeric)

num_suicide_age_unknown Number of suicides with unknown age (numeric)

num_suicide_total Total number of suicides (numeric)

Details

The dataset name has been kept as 'jpn_suicides_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/krisztinboros/suicides-in-japan-by-sex-and-a

jpn_us_cars_df *Attributes of Some US and Japanese Automobiles*

Description

This dataset, jpn_us_cars_df, is a data frame containing information on 45 automobiles from the United States and Japan. It includes attributes such as model name, country of origin, mileage, and price.

Usage

```
data(jpn_us_cars_df)
```

Format

A data frame with 45 observations and 4 variables:

Model Car model (factor)

Country Country of origin (factor)

Mileage Mileage in miles per gallon (integer)

Price Price in US dollars (integer)

Details

The dataset name has been kept as 'jpn_us_cars_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the fma package version 2.5

jpn_usd_exchange_df *Yen-Dollar Exchange Rate (Weekly, 1975–1989)*

Description

This dataset, jpn_usd_exchange_df, is a data frame containing weekly observations of the yen-dollar exchange rate from 1975 to 1989. It includes spot and forward rates, along with 30-day forward rates.

Usage

```
data(jpn_usd_exchange_df)
```

Format

A data frame with 778 observations and 4 variables:

date Time index of the observation (integer)

s Spot exchange rate (numeric)

f Forward exchange rate (numeric)

s30 30-day forward exchange rate (numeric)

Details

The dataset name has been kept as 'jpn_usd_exchange_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the Ecdat package version 0.4-2

---

jpn_vehicle_prod_ts *Japanese Motor Vehicle Production (1947–1989)*

Description

This dataset, jpn_vehicle_prod_ts, is a univariate time series containing the number of motor vehicles produced in Japan from 1947 to 1989. The figures are recorded annually and expressed in thousands.

Usage

```
data(jpn_vehicle_prod_ts)
```

Format

A univariate time series with 43 observations:

Time Yearly observations from 1947 to 1989

Values Motor vehicle production in Japan (in thousands)

Details

The dataset name has been kept as 'jpn_vehicle_prod_ts' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'ts' indicates that the dataset is a time series object. The original content has not been modified in any way.

Source

Data taken from the fma package version 2.5

jpnprefs_tbl_df *Prefectural Informations in Japan*

Description

This dataset, jpnprefs_tbl_df, is a tibble containing information about the 47 prefectures of Japan. It includes details such as prefectural names in kanji and romaji, corresponding JIS codes, the region each prefecture belongs to, and the major island associated with each.

Usage

```
data(jpnprefs_tbl_df)
```

Format

A tibble with 47 observations and 5 variables:

jis_code JIS code of the prefecture (character)

prefecture_kanji Prefectural name in kanji (character)

prefecture Prefectural name in romaji (character)

region Geographical region of the prefecture (character)

major_island Major island the prefecture belongs to (character)

Details

The dataset name has been kept as 'jpnprefs_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the zipangu package version 0.3.3

kobe_quake_1995_ts *1995 Kobe Earthquake Data*

Description

This dataset, 'kobe_quake_1995_ts', is a time series containing data related to the 1995 Kobe earthquake. The data are organized sequentially with a frequency of 1, and consist of 3,048 observations.

Usage

```
data(kobe_quake_1995_ts)
```

Format

A time series with 3,048 observations:

observations Time series data related to the 1995 Kobe earthquake (numeric)

Details

The dataset name has been kept as 'kobe_quake_1995_ts' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'ts' indicates that the dataset is a time series object. The original content has not been modified in any way.

Source

Data taken from the waveslim package version 1.8.5

`kojima_tweets_tbl_df` *Kojima Hideo Tweets (Japanese)*

Description

This dataset, kojima_tweets_tbl_df, is a tibble containing 454 original tweets from Hideo Kojima, posted between November 17, 2019, and January 6, 2020. Retweets are excluded. The dataset includes tweet text, engagement metrics, tweet metadata, user handle information, geolocation data, hashtags, mentions, URLs, and media details. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(kojima_tweets_tbl_df)
```

Format

A tibble with 454 observations and 41 variables:

Tweet Text content of the tweet (character)

Created Date Date when the tweet was created (character)

Retweets Number of retweets (numeric)

Favourites Number of likes (numeric)

Engagement Sum of retweets and likes (numeric)

No of Hashtags Count of hashtags used (numeric)

No of User Mentions Count of user mentions (numeric)

No of URLS added Count of URLs included (numeric)

No of Media added Count of media elements attached (numeric)

Tweeted Username Username who posted the tweet (character)

Replied To Username Whether it was a reply to another user (logical)

Post Type Type of post (e.g., tweet, reply, etc.) (character)

Media Type Type of media included (e.g., photo, video) (character)

Is Quote Tweet Whether the tweet is a quote (character)

Is Retweeted Whether the tweet is a retweet (character)

Language (Tweets) Language of the tweet content (character)

Country Country information if available (logical)

Location (Tweets) Geolocation as specified in the tweet (logical)

Location Full Name Full name of the location (logical)

Location Type Type of location (logical)

Hashtags Hashtags used in the tweet (character)

User Mentions User mentions in the tweet (character)

URLS Used URLs present in the tweet (character)

Media URLS Media URLs attached to the tweet (character)

Name Name associated with the Twitter account (character)

Username Handle of the Twitter account (character)

Created Date (Handles) Date when the Twitter account was created (character)

Language (Handles) Preferred language of the account (character)

Tweets Total number of tweets from the account (numeric)

Followers Number of followers (numeric)

Friends Number of accounts followed (numeric)

Favourites (Handles) Total number of liked tweets by the account (numeric)

Listed Count Number of lists the account is included in (numeric)

Location (Handles) Location listed in the user profile (character)

Protected Whether the account is protected (character)

Verified Whether the account is verified (character)

URL URL included in the profile (character)

Description Profile description or bio (character)

Profile Image URL URL of the profile image (character)

Account Age in Days Age of the account in days (numeric)

Avg Tweets per day Average tweets per day (numeric)

Details

The dataset name has been kept as 'kojima_tweets_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/luciesteel/kojima-tweets

`life_exp_japan_tbl_df` *Japan Life Expectancy and Socioeconomic Indicators (2020)*

Description

This dataset, life_exp_japan_tbl_df, is a tibble containing life expectancy and related economic and social indicators for Japan's 47 prefectures as of 2020. It includes variables on healthcare infrastructure, education levels, income, public spending, and environmental indicators. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(life_exp_japan_tbl_df)
```

Format

A tibble with 47 observations and 23 variables:

Prefecture Name of the Japanese prefecture (character)

Life_expectancy Average life expectancy (numeric)

Physician Number of physicians per 100,000 people (numeric)

Junior_col Number of junior colleges (numeric)

University Number of universities (numeric)

Public_Hosp Number of public hospitals (numeric)

Pshic_hosp Number of psychiatric hospitals (numeric)

Beds_psic Number of psychiatric hospital beds (numeric)

Nurses Number of nurses per 100,000 people (numeric)

Avg_hours Average weekly working hours (numeric)

Salary Average annual salary (numeric)

Elementary_school Number of elementary schools (numeric)

Sport_fac Number of sports facilities (numeric)

Park Number of parks (numeric)

Forest Percentage of forest area (numeric)

Income_per capita Per capita income (numeric)

Density_pop Population density (people per km²) (numeric)

Hospitals Total number of hospitals (numeric)

Beds Total number of hospital beds (numeric)

Ambulances Number of ambulances (numeric)

Health_exp Health expenditure per capita (numeric)

Educ_exp Education expenditure per capita (numeric)

Welfare_exp Welfare expenditure per capita (numeric)

Details

The dataset name has been kept as 'life_exp_japan_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/gianinamariapetrascu/japan-life-expectancy

---

nikkei_stock_index_df *Japanese NIKKEI Stock Index*

Description

This dataset, nikkei_stock_index_df, is a data frame containing the daily log returns in percent of the NIKKEI stock index for the period from 1984-01-04 to 2000-12-22.

Usage

```
data(nikkei_stock_index_df)
```

Format

A data frame with 4,246 observations and 2 variables:

index Date or index label (character)

value Daily log return in percent (numeric)

Details

The dataset name has been kept as 'nikkei_stock_index_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the tsgarch package version 1.0.3

sake_ratings_df *Taste Ratings of Japanese Rice Wine (Sake)*

Description

This dataset, sake_ratings_df, is a data frame containing data from a study of Japanese rice wine (sake), used to investigate the relationship between two subjective ratings (taste and smell) and a number of physical measurements on 30 brands of sake.

Usage

```
data(sake_ratings_df)
```

Format

A data frame with 30 observations and 10 variables:

taste Subjective taste rating (numeric)

smell Subjective smell rating (numeric)

pH pH level (numeric)

acidity1 Acidity measure 1 (numeric)

acidity2 Acidity measure 2 (numeric)

sake Sake meter value (numeric)

rsugar Reducing sugar content (numeric)

tsugar Total sugar content (numeric)

alcohol Alcohol content (numeric)

nitrogen Nitrogen content (numeric)

Details

The dataset name has been kept as 'sake_ratings_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the heplots package version 1.7.0

`seishu_wine_df` *The Seishu Wine Study*

Description

This dataset, seishu_wine_df, is a data frame containing data from a study on wine. The study records the odor and taste of wines, with the aim of explaining these characteristics through various chemical properties such as pH concentration, alcohol content, total sugar, and others.

Usage

```
data(seishu_wine_df)
```

Format

A data frame with 30 observations and 10 variables:

Taste Taste rating of the wine (numeric)

Odor Odor rating of the wine (numeric)

pH pH concentration (numeric)

Acidity_1 First acidity measurement (numeric)

Acidity_2 Second acidity measurement (numeric)

Sake_meter Sake meter value (numeric)

Direct_reducing_sugar Direct reducing sugar content (numeric)

Total_sugar Total sugar content (numeric)

Alcohol Alcohol content (numeric)

Formyl_nitrogen Formyl nitrogen content (numeric)

Details

The dataset name has been kept as 'seishu_wine_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the ACSWR package version 1.0

shinkansen_stations_tbl_df
Shinkansen Stations in Japan

Description

This dataset, shinkansen_stations_tbl_df, is a tibble containing information about 113 Shinkansen train stations across Japan. Each row represents a station and includes its name, the Shinkansen line it belongs to, the year it opened, the prefecture it is located in, the distance from Tokyo Station in kilometers, and the operating company. The dataset preserves the original structure from its source on Kaggle.

Usage

```
data(shinkansen_stations_tbl_df)
```

Format

A tibble with 113 observations and 6 variables:

Station_Name Name of the Shinkansen station (character)

Shinkansen_Line Name of the Shinkansen line (character)

Year Year the station opened (numeric)

Prefecture Prefecture in which the station is located (character)

Distance from Tokyo st Distance from Tokyo Station in kilometers (numeric)

Company Operating company of the station (character)

Details

The dataset name has been kept as 'shinkansen_stations_tbl_df' to maintain consistency with the naming conventions in the JapanAPIs package. The suffix 'tbl_df' indicates that this is a tibble data frame. The original content has not been modified in any way.

Source

Data obtained from Kaggle: https://www.kaggle.com/datasets/japandata509/shinkansen-stations-in-japan

tokaido_stations_tbl_df *East Japan Railway's Tokaido Line Stations*

Description

This dataset, tokaido_stations_tbl_df, is a tibble containing information about stations on the Tokaido Line operated by East Japan Railway. It includes each station's code and name.

Usage

```
data(tokaido_stations_tbl_df)
```

Format

A tibble with 20 observations and 2 variables:

st_code Station code (character)

st_name Station name (character)

Details

The dataset name has been kept as 'tokaido_stations_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the ssrn package version 0.1.0

tokyo_rainfall_vec *Tokyo Rainfall Data*

Description

This dataset, tokyo_rainfall_vec, is a numeric vector containing Tokyo rainfall data from Kitagawa (1987), analysed also by Rue and Held (2005) and Fahrmeir and Tutz (2013). It includes daily rainfall measurements over a period of 366 days.

Usage

```
data(tokyo_rainfall_vec)
```

Format

A numeric vector with 366 observations:

Daily rainfall measurements (numeric values ranging from 0 to 2)

Details

The dataset name has been kept as 'tokyo_rainfall_vec' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'vec' indicates that the dataset is a vector object. The original content has not been modified in any way.

Source

Data taken from the gamlss.data package version 6.0-6

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tokyo_wards_tbl_df *Special Wards of Tokyo*

Description

This dataset, tokyo_wards_tbl_df, is a tibble containing information on the 23 special wards of Tokyo. It includes ward numbers, names in both romaji and kanji, along with x and y coordinates for spatial layout.

Usage

```
data(tokyo_wards_tbl_df)
```

Format

A tibble with 23 observations and 5 variables:

no Ward number (character)

ward Ward name in romaji (character)

ward_kanji Ward name in kanji (character)

x X coordinate for grid placement (numeric)

y Y coordinate for grid placement (numeric)

Details

The dataset name has been kept as 'tokyo_wards_tbl_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'tbl_df' indicates that the dataset is a tibble object. The original content has not been modified in any way.

Source

Data taken from the tabularmaps package version 0.1.0

toyota_stock_prices_df

Toyota Stock Prices

Description

This dataset, toyota_stock_prices_df, is a data frame containing the average monthly stock prices of Toyota from 1982 to 1998.

Usage

```
data(toyota_stock_prices_df)
```

Format

A data frame with 255 observations and 2 variables:

Month Month number from the beginning of the time series (integer)

Value Average monthly stock price (numeric)

Details

The dataset name has been kept as 'toyota_stock_prices_df' to avoid confusion with other datasets in the R ecosystem. This naming convention helps distinguish this dataset as part of the JapanAPIs package and assists users in identifying its specific characteristics. The suffix 'df' indicates that the dataset is a data frame. The original content has not been modified in any way.

Source

Data taken from the MMAC package version 0.1.2

view_datasets_JapanAPIs

View Available Datasets in JapanAPIs

Description

This function lists all datasets available in the 'JapanAPIs' package. If the 'JapanAPIs' package is not loaded, it stops and shows an error message. If no datasets are available, it returns a message and an empty vector.

Usage

```
view_datasets_JapanAPIs()
```

Value

A character vector with the names of the available datasets. If no datasets are found, it returns an empty character vector.

Examples

```
if (requireNamespace("JapanAPIs", quietly = TRUE)) {
  library(JapanAPIs)
  view_datasets_JapanAPIs()
}
```

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