

Package: denguedatasets (via r-universe)

October 19, 2026

Type Package

Title The denguedatasets package provide a curated collection of open-access dengue fever surveillance and climate datasets for epidemiological research, data science and machine learning

Version 0.1.0

Description The denguedatasets package provide a curated collection of open-access dengue fever surveillance and climate datasets for epidemiological research and machine learning. Includes surveillance records, climatic co-variates, and mortality indicators from Bangladesh, the Philippines, Taiwan, Sri Lanka, Brazil, Colombia, Pakistan, India, Peru, Indonesia, and Sierra Leone, spanning case counts, deaths, case-fatality rates, and associated meteorological variables (temperature, humidity, precipitation) suitable for spatiotemporal analysis, outbreak prediction, machine learning, and time-series modeling from Kaggle.

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Encoding UTF-8

LazyData true

Depends R (>= 3.5)

Config/roxygen2/version 8.0.0

URL <https://fdzul.github.io/denguedatasets/>

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VignetteBuilder knitr

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

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RemoteUrl <https://github.com/fdzul/denguedatasets>

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dengue_bangladesh	<i>Dengue Dataset of Bangladesh: Unraveling Dengue</i>
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Description

This dataset presents real-world data collected through surveys conducted in the Dhaka region of Bangladesh. It focuses on understanding the prevalence and characteristics of the Dengue fever phenomenon, a significant public health concern in the area. The dataset is updated monthly to reflect the evolving nature of the Dengue outbreak.

Usage

dengue_bangladesh

Format

- A dataframe object with 1000 rows and 19 variables:
- gender** Gender of the survey respondent
 - age** Age of the survey respondent
 - ns1** Non-Structural Protein 1 test's data positive as 1 negative as 0
 - ig_g** IgG data positive as 1 negative as 0
 - ig_m** IgM data positive as 1 negative as 0
 - area** The area within the Dhaka region where the respondent resides.
 - area_type** Classification of the area as "Developed" or "Undeveloped"

house_type The type of housing in the area, e.g., "Building," "Tin-Shed," or "Others."

district The specific district within Dhaka

fever_duration Acute Dengue febrile phase typically lasts 2–7 days

body_temperature Biphasic, high fever is the primary clinical entry criterion

platelet_count Thrombocytopenia (platelets < 150,000) is a critical indicator.

wbc_count Leukopenia (low WBC count) is highly characteristic of acute Dengue

joint_pain Arthralgia is so severe it gave Dengue the name "breakbone fever"

headache Frontal headache is common in acute viral syndromes.

retro_orbital_pain Extremely specific indicator for Dengue vs. other febrile illnesses

myalgia Generalized muscle pain is characteristic.

rash Transient maculopapular rash occurs during convalescence.

outcome Outcome variable indicating the presence (1) or absence (0) of Dengue cases reported ...

Details

The dengue_bangladesh dataset has also been published in the denguedataset package in Python. You can find the Zenodo page <https://zenodo.org/records/21499199>, GitHub repository <https://github.com/fdzul/denguedataset>, GitHub Pages <https://fdzul.github.io/denguedatasets-py/>, and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/kawsarahmad/dengue-dataset-bangladesh>, <https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_bangladesh_mortality

Climatic Influence on Dengue Mortality

Description

This dataset explores the spatio-temporal interaction between climate variability and dengue outbreaks across six divisions of Bangladesh from 2000 to 2024. It connects meteorological parameters with epidemiological indicators (cases, deaths, and case-fatality rate) to uncover how changing weather patterns influence dengue mortality

Usage

dengue_bangladesh_mortality

Format

A dataframe object with 150 rows and 15 variables:

division Divisions: Chittagong, Rajshahi, Khulna, Sylhet, Barishal, Rangpur
year year covered: 2000-2024
max_temp Highest daily temperature influencing mosquito activity and virus transmission
min_temp Lowest daily temperature affecting mosquito survival and breeding.
max_wind_speed Measures airflow strength, which impacts mosquito movement and dispersion
min_wind_speed Measures airflow strength, which impacts mosquito movement and dispersion
precipitation_corrected_sum Total rainfall contributing to water accumulation for mosquito breeding sites
all_sky_surface_total_par
root_zone_soil_wetness
surface_soil_wetness Moisture level in the soil reflecting wet conditions favorable for breeding habitats.
humidity Atmospheric moisture level that increases mosquito lifespan and biting frequency
earth_skin_temp Land surface temperature indicating environmental heat that accelerates mosquito development
dengue_national_cases Number of reported dengue infections in a given period.
dengue_national_deaths Total number of dengue-related fatalities
dengue_national_cfr_pct Case Fatality Rate showing the percentage of infected individuals who died ...

#' @source <https://www.kaggle.com/datasets/gazijahin/climatic-influence-on-dengue-mortality-2000-2024>
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

Details

The dengue_bangladesh dataset has also been published in the denguedataset package in Python. You can find the Zenodo page <https://zenodo.org/records/21499199>, GitHub repository <https://github.com/fdzul/denguedatasets-py>, GitHub Pages <https://fdzul.github.io/denguedatasets-py/>, and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Description

The dataset supplied comprises a comprehensive collection of information pertaining to numerous geographical and environmental characteristics across microregions in Brazil from 2000 to 2019. Microregion codes and names, mesoregion codes and names, state codes and names, region codes and names, biome codes and names, ecozone codes and names, climate regimes, months, years, times, dengue cases, population estimates, population density, maximum and minimum temperatures, Palmer's drought severity index, urban population percentages, access to water network percentages, and reported water shortage frequency are all included in the dataset. This information is linked to individual microregions and provides insights into population dynamics, climatic patterns, urbanization trends, water resources, and disease occurrences.

Usage

```
dengue_brazil
```

Format

A dataframe object with 26 rows and 4 variables:

micro_code Unique ID number given by IBGE to each microregion (5 digits)

micro_name Name of each microregion

micro_name_ibge Name of each microregion from IBGE sources

meso_code Unique ID number given by IBGE to each mesoregion: 4 digits

meso_name Name of each mesoregion

state_code Unique ID number given by IBGE to each state

state_name Name of state

region_code Region code

region_name Region name

biome_code Biome code

biome_name Biome name

ecozone_code Ecozone code: same as biome apart from Atlantic Rainforest, biome code 6, which has been separated

ecozone_name Ecozone name: same as biome apart from Atlantic Rainforest, which has been separated into NE..

main_climate Most prevalent climate regime in the microregion. Based on Koppen Geiger climate regimes

month Calendar month index, 1 = January, to, 12 = December

year Year: 2000-2019

time Time index starting at 1 for January 2000

dengue_cases Number of notified dengue cases registered in the notifiable diseases system in Brazil by SINAN

population Estimated population, based on projections calculated using the 2000 and 2010 censuses, and counts

pop_density Population density: number of people per km2

tmax Monthly average daily maximum temperature; gridded values at a 0.5° resolution averaged across eac

tmin Monthly average daily minimum temperature; gridded values at a 0.5° resolution averaged across eac

pdsi Self-calibrated Palmer drought severity index for each microregion

urban Percentage of inhabitants living in urban areas according to the 2010 census

water_network Percentage of inhabitants with access to the piped water network according to the 2010 census

water_shortage Frequency of reported water shortages per microregion between 2000 - 2016 ...

Details

The dengue_brazil dataset has also been published in the denguedataset package in Python

Source

<https://www.kaggle.com/datasets/raomuhmadsaeedali/brazil-dengue-dataset-2000-2019>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_brazil_labels *Brazil Dengue Dataset 2000-2019 labels*

Description

Data dictionary/variable-label reference table accompanying the Brazil Dengue Dataset 2000-2019, documenting field names, codes, and descriptions used across microregion, mesoregion, state, region, biome, and ecozone identifiers, as well as climatic and demographic variables in the main dataset.

Usage

dengue_brazil_labels

Format

A dataframe object with 26 rows and 4 variables:

variable variable name
long_name long variable name
description variable description
source source ...

Details

The dengue_brazil_labels dataset has also been published in the denguedataset package in Python

Source

https://www.kaggle.com/datasets/raomuhmadsaeedali/brazil-dengue-dataset-2000-2019/data?select=data_desc.csv, <https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_colombia

Dengue Tabular Data and Satellite Images

Description

Dataset with sociodemographic, socioeconomic data, dengue cases, temperature and precipitation for all municipalities

Usage

```
dengue_colombia
```

Format

A dataframe object with 1121 rows and 1017 variables:

municipality_code Unique identifier of the municipality

municipality name of the municipality

population population:2007-2019

cases dengue cases: 2007-2019

age0_4_percent Age0-4 percent

age5_14_percent Age5-14 percent

age15_29_percent Age 15 to 29 percent

age_30_percent Age >30 percent

afrocolombian_population_percent Percentage of Afro-Colombian population

indian_population_percent Percentage of Indian population

peoplewith_disabilities_percent Percentage of people with disabilities

peoplewhocannotreadorwrite_percent Percentage of people who cannot read or write

secondary_higher_education_percent Percentage of people who have a secondary/higher education level

employedpopulation_percent Percentage of employed population

unemployedpopulation_percent Percentage of unemployed population

peopledoinghousework_percent Percentage of people who do domestic work

retiredpeople_percent Percentage of retired people
men_percent Gender or population percentage of men
women_percent Gender or population percentage of women
householdswithoutwateraccess_percent Households without access to water
householdswithoutinternetaccess_percent Households without internet access
buildingstratification1_percent Housing stratification between 1
buildingstratification2_percent Housing stratification between 2
buildingstratification3_percent Housing stratification between 3
buildingstratification4_percent Housing stratification between 4
buildingstratification5_percent Housing stratification between 5
buildingstratification6_percent Housing stratification between 6
numberofhospitalsper_km2 Number of hospitals per km2
numberofhousesper_km2 Number of houses per km2
temperature temperature: ene-dec 2007-2018
precipitation precipitation: ene-dec 2007-2018
x2007 Year/epiweek: year 2007-2019, week 1 to 52 ...

Details

Dengue Challenge 2 - Make Health LATAM 2022. This challenge will provide a dataset for each municipality in Colombia, composed of weekly dengue cases between 2007 and 2019, along with other social and climatological variables. You will also find a special dataset we have prepared for the municipality of Medellín, with preprocessed climatological variables and a compressed version of satellite images for inclusion in the models. The dengue_colombia dataset has also been published in the denguedataset package in Python

Source

<https://www.kaggle.com/datasets/davidrestrepo/dengue>, <https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_colombia_medellin

Dengue Tabular Data and Satellite Images

Description

Dataset with weekly Dengue cases, temperature and precipitation in Medellín using the epidemiological week.

Usage

dengue_colombia_medellin

Format

A dataframe object with 624 rows and 10 variables:

cases_medellin dengue cases
data year-week
year year
year_week yearweek:
last_day_week Last day week
month month
precipitation_medellin precipitation
precipitation_medellin_rural precipitation rural
precipitation_medellin_urbano precipitation urban
temperature temperature ...

Details

Dengue Challenge 2 - Make Health LATAM 2022. This challenge will provide a dataset for each municipality in Colombia, composed of weekly dengue cases between 2007 and 2019, along with other social and climatological variables. You will also find a special dataset we have prepared for the municipality of Medellín, with preprocessed climatological variables and a compressed version of satellite images for inclusion in the models. The dengue_colombia_medellin dataset has also been published in the denguedataset package in Python

Source

<https://www.kaggle.com/davidrestrepo/dengue>, <https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_india

Dengue cases and deaths in India

Description

This data contains dengue cases and deaths happening in each state of India over the years

Usage

dengue_india

Format

A dataframe object with 36 rows and 10 variables:

- num** numeric id
- states** state of India
- x2019_cases** dengue cases of 2019
- x2019_cases** deaths cases of 2019
- x2020_deaths** dengue cases of 2020
- x2020_cases** deaths cases of 2020
- x2021_deaths** dengue cases of 2021
- x2021_cases** deaths cases of 2021
- x2022_deaths** dengue cases of 2022
- x2022_cases** deaths cases of 2022 ...

Details

This data is scrapped from the National Center for Vector Borne Diseases Control. It's a website managed by the Ministry of Health & Family Welfare, Government of India. This data contains dengue cases and deaths happening in each state of India over the years. The dengue_india dataset has also been published in the denguedataset package in Python

Source

<https://www.kaggle.com/datasets/jadhavpranav/dengue-cases-in-india>,<https://zenodo.org/records/21499199>,<https://fdzul.github.io/denguedatasets-py/>,<https://fdzul.github.io/denguedatasets-py/>,<https://pypi.org/project/denguedatasets/>.

dengue_jakarta	<i>Jakarta Dengue Cases and Weather Data from 2021 to 2024.</i>
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Description

This data contains dengue cases hospitalized of Jakarta

Usage

dengue_jakarta

Format

A dataframe object with 2922 rows and 14 variables:

id numeric id
reg Region of Regency or City
date Date of observation
tn Minimum temperature in Celsius
tx Maximum temperature in Celsius
tavg mean temperature in Celsius
rh_avg Average relative humidity in percent
rr Rainfall in mm
ss Sunshine duration in hours
ff_x Maximum wind speed in meters by seconds)
ddd_x Wind direction at maximum wind speed
ff_avg Average wind speed in meters by second)
ddd_car Most frequent wind direction
cases Number of hospitalized patients ...

Details

The dengue_jakarta dataset has also been published in the denguedataset package in Python. jupyter notebook related <https://www.kaggle.com/code/yutakatarokusumah/jakarta-dengue-risk-prediction>

Source

<https://www.kaggle.com/datasets/yutakatarokusumah/jakarta-dengue-weather-2021-2024>,
<https://zenodo.org/records/21499199>,<https://fdzul.github.io/denguedatasets-py/>,<https://fdzul.github.io/denguedatasets-py/>,<https://pypi.org/project/denguedatasets/>.

dengue_pakistan

Dengue surveillance data of Pakistan.

Description

This dataset contains monthly dengue fever surveillance data from Pakistan covering the period from 2016 to 2020.

Usage

```
dengue_pakistan
```

Format

A dataframe object with 420 rows and 5 variables:

month Month name: January through December

year Year of observation from 2016 to 2020

region Province or territory name

dengue_cases Total number of confirmed dengue fever cases reported

dengue_deaths Total number of deaths attributed to dengue fever ...

Details

This dataset contains monthly dengue fever surveillance data from Pakistan covering the period 2016-2020. It provides comprehensive information on dengue cases and deaths across all provinces and territories, making it valuable for epidemiological research, public health policy development, and disease outbreak analysis. Time Period: January 2016 to December 2020 (5 years). Geographic Coverage: All provinces and territories of Pakistan. Frequency: Monthly aggregated data. Total Records: 420 monthly observations. Geographic Regions Included Punjab: Most populous province, Sindh: Second largest province including Karachi, KPK (Khyber Pakhtunkhwa): North-western province, Balochistan: Largest province by area, ICT (Islamabad Capital Territory): Federal capital territory, AJK (Azad Jammu & Kashmir): Administered territory, GB (Gilgit-Baltistan): Northern territory. The dengue_pakistan dataset has also been published in the denguedataset package in Python. jupyter notebook related <https://www.kaggle.com/code/yutakatarokusumah/jakarta-dengue-risk-prediction>

Source

<https://www.kaggle.com/datasets/aamir28/pakistan-dengue-surveillance-data-2016-2020>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_peru

Dengue data in Peru from 2019 to 2022.

Description

This dataset contains yearly dengue cases from 2019 to 2022.

Usage

dengue_peru

Format

A dataframe object with 171281 rows and 8 variables:

departament name state
province name of province
district name of distric
dengue_type dengue type
year year of cases
week week of year
age age of case
sex gender ...

Details

The dengue_peru dataset has also been published in the denguedataset package in Python. You can find the Zenodo page <https://zenodo.org/records/21499199>, GitHub repository <https://github.com/fdzul/denguedatasets-py>, GitHub Pages <https://fdzul.github.io/denguedatasets-py/>, and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/fazzzzzzzzz/datos-dengue-en-el-per-2019-2022-en-csv>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_philippines	<i>Philippines Dengue Cases from 2016 to 2020</i>
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Description

This dataset contains monthly and regional cases of dengue from 2016 to 2020

Usage

dengue_philippines

Format

A dataframe object with 1020 rows and 5 variables:

month Month of the year in text format
year Ranges from 2016 to 2020 in numerical format
region Region in the Philippines
dengue_cases Number of Monthly Cases per region
dengue_deaths Number of Monthly Deaths per region due to dengue ...

Details

Data set contains the recorded number of dengue cases per region of the Philippines from year 2016 to 2020. It can be used to find trends about the disease as well as spatiotemporal analysis that can result into data-driven solution about the trends of the disease for the past 5 years. The dengue_philippines dataset has also been published in the denguedataset package in Python. You can find the Zenodo page <https://zenodo.org/records/21499199>, GitHub repository <https://github.com/fdzul/denguedatasets-py>, GitHub Pages <https://fdzul.github.io/denguedatasets-py/>, and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/vincentgupo/dengue-cases-in-the-philippines>, <https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>.

dengue_sierra_leone	<i>The Sierra Leone Freetown DengueAI Dataset from 2015 to 2024</i>
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Description

The dataset captures monthly variations in temperature, humidity, and precipitation, as well as confirmed dengue cases in Freetown, Sierra Leone.

Usage

dengue_sierra_leone

Format

A dataframe object with 120 rows and 5 variables:

- date** date
- temperature_c** Temperature in celsius
- humidity_percent** Humidity
- precipitation_mm** Precipitation
- dengue_cases** dengue cases ...

Details

The Sierra Leone Freetown DengueAI Dataset from 2015 to 2024 offers an integrated collection of epidemiological and climatic variables, specifically designed for AI-based dengue outbreak prediction and time-series modeling. The dataset captures monthly variations in temperature, humidity, and precipitation, as well as confirmed dengue cases in Freetown, Sierra Leone. Data sources include OpenDengue and NOAA GSOD. The dengue_sierra_leone dataset has also been published in the denguedataset package in Python. You can find the [Zenodo page](<https://zenodo.org/records/21499199>), [GitHub repository](<https://github.com/fdzul/denguedatasets-py>), [GitHub Pages](<https://fdzul.github.io/denguedatasets-py/>), and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Author(s)

Michael Marko Sesay. 2025. Sierra Leone Freetown DengueAI Dataset (2015–2024) [Data set]. Kaggle. <https://doi.org/10.34740/KAGGLE/DSV/13257213>

Source

[-https://www.kaggle.com/datasets/michaalmarkosesay/sierra-leone-freetown-dengueai-dataset-20152024](https://www.kaggle.com/datasets/michaalmarkosesay/sierra-leone-freetown-dengueai-dataset-20152024)
[//zenodo.org/records/21499199](https://zenodo.org/records/21499199), [-https://fdzul.github.io/denguedatasets-py/](https://fdzul.github.io/denguedatasets-py/) [-https://fdzul.github.io/denguedatasets-py/](https://fdzul.github.io/denguedatasets-py/) [-https://pypi.org/project/denguedatasets/](https://pypi.org/project/denguedatasets/).

dengue_sri_lanka_2019	<i>Sri Lanka Dengue Data of 2019</i>
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Description

District & Provincial Trends: Monthly Dengue Insights from 2019

Usage

dengue_sri_lanka_2019

Format

A dataframe object with 26 rows and 14 variables:

Province The province in Sri Lanka where data was recorded.

District Specific district within the province

jan dengue cases of january

feb dengue cases of february

mar dengue cases of march

apr dengue cases of april

may dengue cases of may

june dengue cases of june

july dengue cases of july

aug dengue cases of august

sept dengue cases of september

oct dengue cases of october

nov dengue cases of november

dec dengue cases of december ...

Details

A comprehensive record of dengue cases across all districts and provinces in Sri Lanka, detailing monthly occurrences from January to December for the years 2019-2021. Data serves as a critical resource for understanding the epidemiological trends of dengue, facilitating public health responses and preventive strategies. Though compact, this dataset offers rich opportunities for data science applications including trend analysis, hotspot detection, and predictive modeling for future outbreaks. Data was meticulously compiled and made available by the National Dengue Control Unit (NDCU) of Sri Lanka. For more details, visit the NDCU Dengue Information Portal. The dengue_sri_lanka_2019 dataset has also been published in the denguedataset package in Python. You can find the [Zenodo page](https://zenodo.org/records/21499199), [GitHub repository](https://github.com/fdzul/denguedataset), [GitHub Pages](https://fdzul.github.io/denguedatasets-py/), and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/kanchana1990/sri-lanka-dengue-data-2019-2021-insights>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>

dengue_sri_lanka_2020 *Sri Lanka Dengue Data of 2020*

Description

District & Provincial Trends: Monthly Dengue Insights from 2020

Usage

dengue_sri_lanka_2020

Format

A dataframe object with 26 rows and 14 variables:

Province The province in Sri Lanka where data was recorded.

District Specific district within the province

jan dengue cases of january

feb dengue cases of february

mar dengue cases of march

apr dengue cases of april

may dengue cases of may

june dengue cases of june

july dengue cases of july

aug dengue cases of august

sept dengue cases of september
oct dengue cases of october
nov dengue cases of november
dec dengue cases of december ...

Details

A comprehensive record of dengue cases across all districts and provinces in Sri Lanka, detailing monthly occurrences from January to December for the years 2019-2021. Data serves as a critical resource for understanding the epidemiological trends of dengue, facilitating public health responses and preventive strategies. Though compact, this dataset offers rich opportunities for data science applications including trend analysis, hotspot detection, and predictive modeling for future outbreaks. Data was meticulously compiled and made available by the National Dengue Control Unit (NDCU) of Sri Lanka. For more details, visit the NDCU Dengue Information Portal. The dengue_sri_lanka_2020 dataset has also been published in the denguedataset package in Python. You can find the [Zenodo page](https://zenodo.org/records/21499199), [GitHub repository](https://github.com/fdzul/denguedatasets-py), [GitHub Pages](https://fdzul.github.io/denguedatasets-py/), and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/kanchana1990/sri-lanka-dengue-data-2019-2021-insights>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>

dengue_sri_lanka_2021 *Sri Lanka Dengue Data of 2021*

Description

District & Provincial Trends: Monthly Dengue Insights from 2021

Usage

dengue_sri_lanka_2021

Format

A dataframe object with 26 rows and 14 variables:

Province The province in Sri Lanka where data was recorded.

District Specific district within the province

jan dengue cases of january

feb dengue cases of february

mar dengue cases of march

apr dengue cases of april
may dengue cases of may
june dengue cases of june
july dengue cases of july
aug dengue cases of august
sept dengue cases of september
oct dengue cases of october
nov dengue cases of november
dec dengue cases of december ...

Details

A comprehensive record of dengue cases across all districts and provinces in Sri Lanka, detailing monthly occurrences from January to December for the years 2019-2021. Data serves as a critical resource for understanding the epidemiological trends of dengue, facilitating public health responses and preventive strategies. Though compact, this dataset offers rich opportunities for data science applications including trend analysis, hotspot detection, and predictive modeling for future outbreaks. Data was meticulously compiled and made available by the National Dengue Control Unit (NDCU) of Sri Lanka. For more details, visit the NDCU Dengue Information Portal. The dengue_sri_lanka_2021 dataset has also been published in the denguedataset package in Python. You can find the [Zenodo page](https://zenodo.org/records/21499199), [GitHub repository](https://github.com/fdzul/denguedataset), [GitHub Pages](https://fdzul.github.io/denguedatasets-py/), and PyPI index at the following links https://pypi.org/project/denguedatasets/.

Source

<https://www.kaggle.com/datasets/kanchana1990/sri-lanka-dengue-data-2019-2021-insights>,
<https://zenodo.org/records/21499199>,<https://fdzul.github.io/denguedatasets-py/>,<https://fdzul.github.io/denguedatasets-py/>,<https://pypi.org/project/denguedatasets/>

dengue_taiwan	Taiwan Dengue Cases from 1998 to 2024
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Description

Daily and Regional Confirmed Cases of Dengue from 1998 to 2024

Usage

dengue_taiwan

Format

A dataframe object with 26 rows and 14 variables:

date_onset Date when symptoms first appeared
date_confirmation Date when the case was confirmed
date_notification Date when the case was reported
sex Gender of the affected individual
age_group Age category of the affected individual
county_living County where the individual resides
township_living Township where the individual resides
village_living Village where the individual resides
village_living_code Code for the village of residence
enumeration_unit Statistical unit for enumeration
enumeration_unit_long Longitude of the enumeration unit
enumeration_unit_lat Latitude of the enumeration unit
first_level_dissemination_unit Highest administrative unit for dissemination
second_level_dissemination_unit Secondary administrative unit for dissemination
county_infected County where the individual was infected
township_infected Township where the individual was infected
village_infected where the individual was infected
village_infected_code Code for the infected village
imported Indicates if the case was imported from another country
country_infected Country where the infection was acquired.
number_of_confirmed_cases Number of confirmed dengue cases
serotype Serotype of the dengue virus
moi_county_living_code
moi_township_living_code Code for the township of residence from the Ministry of Interior
moi_county_living County code of Ministry of Interior
moi_township_living Township code (Ministry of Interior
moi_county_infected_code Code for the infected county of Ministry of Interior
moi_township_infected_code Code for the infected township of Ministry of Interior
moi_county_infected Infected county code of Ministry of Interior
moi_township_infected Infected township code of Ministry of Interior) ...

Details

The dataset contains detailed information on dengue fever cases since 1998, encompassing various aspects such as dates, geographical locations, and serotype details. This data can be leveraged to analyze temporal trends, spatial distribution, and the serotype of dengue cases. It is valuable for understanding the disease's progression, its impact across different regions, and the effectiveness of intervention measures over time. The dengue_taiwan dataset has also been published in the dengue-dataset package in Python. You can find the [Zenodo page](https://zenodo.org/records/21499199), [GitHub repository](https://github.com/fdzul/denguedatasets-py), [GitHub Pages](https://fdzul.github.io/denguedatasets-py/), and PyPI index at the following links <https://pypi.org/project/denguedatasets/>.

Source

<https://www.kaggle.com/datasets/taweilo/taiwan-dengue-daily-confirmed-cases-1998-2024>,
<https://zenodo.org/records/21499199>, <https://fdzul.github.io/denguedatasets-py/>, <https://fdzul.github.io/denguedatasets-py/>, <https://pypi.org/project/denguedatasets/>

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