

Package ‘hkdatasets’

July 22, 2025

Title Datasets Related to Hong Kong

Version 1.0.0

Description Datasets related to Hong Kong, including information on the 2019 elected District Councillors (<<https://www.districtcouncils.gov.hk>> and <<https://dce2019.hk01.com/>>) and traffic collision data from the Hong Kong Department of Transport (<<https://www.td.gov.hk/>>). All of the data in this package is available in the public domain.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

URL <https://hong-kong-districts-info.github.io/hkdatasets/>

BugReports <https://github.com/Hong-Kong-Districts-Info/hkdatasets/issues>

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Depends R (>= 3.5.0)

Imports utils, fst

Suggests dplyr, tidyr, here

NeedsCompilation no

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|---------------|--|
| download_data | <i>Download and Extract data from online sources</i> |
|---------------|--|

Description

Download and extract data from preset online sources, specifying the name of the dataset.

Usage

```
download_data(dataset = NULL)
```

Arguments

| | |
|---------|--|
| dataset | String containing the name of the dataset. Valid values include: - "hk_accidents" - "hk_casualties" - "hk_vehicles" |
|---------|--|

Details

This supersedes the method for pulling `hk_accidents`, `hk_casualties`, and `hk_vehicles` due to the size of the data file. Refer to <https://hong-kong-districts-info.github.io/hkdatasets/> to access the data documentation for three datasets.

Value

A data frame is returned.

Examples

```
# You can download and return a dataset with the following code:
download_data(dataset = "hk_vehicles")
```

| | |
|------------|---|
| hkagepop19 | <i>Land-based non-institutional population by District Council district and age group</i> |
|------------|---|

Description

Land-based non-institutional population by District Council district and age group

Usage

hkagepop19

Format

A data frame with 18 rows and 8 variables:

District_ZH District Name in Chinese

District_EN District Name in English

Age_0_14 Population aged between 0 and 14

Age_15_24 Population aged between 15 and 24

Age_25_44 Population aged between 25 and 44

Age_45_64 Population aged between 45 and 64

Age_65 Population aged 65+

TotalPopulation Total population per district ...

Details

This dataset is updated as of 2019. Numbers represent estimates of population based on calculated census percentages.

Source

<https://www.censtatd.gov.hk/hkstat/sub/sp150.jsp?productCode=FA100096>

| | |
|------|---|
| hkdc | <i>Dataset with public domain information on Hong Kong District Councillors (elected 2019).</i> |
|------|---|

Description

A dataset containing public domain information of the 452 Hong Kong District Councillors elected in 2019.

Usage

hkdc

Format

A data frame with 452 rows and 33 variables:

ConstituencyCode Constituency code for the District Council
Constituency_ZH Constituency name in Chinese
Constituency_EN Constituency name in English
District_ZH District name in Chinese
District_EN District name in English
Region_ZH Region name in Chinese
Region_EN Region name in English
Party_ZH Party name in Chinese
Party_EN Party name in English
DC_ZH District Councillor name in Chinese
DC_EN District Councillor name in English
FacebookURL URL of the DC's Facebook Page
DCPageURL URL of the DC's official page
Address Office address of the DC
Phone Phone number of the DC
Fax Fax number of the DC
Email Email address of the DC
WebsiteURL URL of the DC's non government page
DCProjectPageURL URL of the DC's page listing on Hong Kong Districts Info
ElectionYear Year when the DC is elected
ElectionDate Date when the DC is elected
CandidateNum Candidate number of the DC when elected
Occupation Occupation of the DC when elected

Political_ZH Political Party of the DC when elected in Chinese
Political_EN Political Party of the DC when elected in English
Camp_ZH Political leaning/camp of the DC when elected in Chinese
Camp_EN Political leaning/camp of the DC when elected in English
Vote Number of votes won
VotePercentage Share of vote
Gender_ZH Gender of the DC in Chinese
Gender_EN Gender of the DC in English
Tag_ZH Granular political leaning/camp of the DC when elected in Chinese
Tag_EN Granular political leaning/camp of the DC when elected in English ...

Source

<https://www.districtcouncils.gov.hk>
<https://dce2019.hk01.com/>

hkdistrict_summary *Dataset summarising the labels and regions of Hong Kong's Districts*

Description

This is a summary table that details the region classification and abbreviated labels of Hong Kong's districts.

Usage

hkdistrict_summary

Format

A data frame with 18 rows and 5 variables:

Code District Code
District_EN District name in English
District_ZH District name in Chinese
Region_EN Region name in English
Region_ZH Region name in Chinese
Abbrev District Abbreviation ...

hkstreetnames20

Dataset with Hong Kong Street Names as at 2020.

Description

A dataset containing street names in Hong Kong as at 2020.

Usage

hkstreetnames20

Format

A data frame with 4603 rows and 21 variables:

DC Constituency code for the District Council

StreetNames_EN Street name in English

StreetNames_ZH Street name in Chinese

TM Tuen Mun district

ST Sha Tin district

E Eastern district

S Southern district

WC Wan Chai district

C&W Central and Western district

Is Islands district

YL Yuen Long district

SK Sai Kung district

KC Kowloon City district

YTM Yau Tsim Mong district

KT Kwun Tong district

SSP Sham Shui Po district

N North district

TP Tai Po district

K&T Kwai Tsing district

TW Tsuen Wan district

WTS Wong Tai Sin district ...

Source

<https://www.landsd.gov.hk>

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