Package 'hkdatasets'

October 13, 2022

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>

Maintainer Martin Chan <martinchan53@gmail.com>

Depends R (>= 3.5.0)

Imports utils, fst

Suggests dplyr, tidyr, here

NeedsCompilation no

Author Martin Chan [aut, cre],
    Avision Ho [ctb],
    Ocean Cheung [ctb],
    Justin Yim [ctb],
    Gabriel Tam [ctb]

Repository CRAN

Date/Publication 2021-09-04 16:20:02 UTC

R topics documented:

---

download_data   *Download and Extract data from online sources*

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 datsets.

Value

A data frame is returned.

Examples

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

| hkagepop19 | *Land-based non-institutional population by District Council district and age group* |

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	*Dataset with public domain information on Hong Kong District Councillors (elected 2019).*

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>

Index