

Package ‘hkdatasets’

October 17, 2020

Title Datasets Related to Hong Kong

Version 0.0.3

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)

Suggests dplyr, tidyr, here, showtext

NeedsCompilation no

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Repository CRAN

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

hk_accidents

Dataset on accidents in Hong Kong between 2014 and 2019.

Description

A dataset containing traffic accidents between 2014 and 2019.

Usage

hk_accidents

Format

A data frame with 95821 rows and 21 variables:

OBJECTID

Year

Serial_No_

Severity

District_Council_District

Hit_and_Run

Weather

Rain

Natural_Light

Junction_Control

Road_Classification

Vehicle_Movements
Type_of_Collision
No_of_Vehicles_Involved
No_of_Casualties_Injured
Grid_E
Grid_N
Date
Time
latitude
longitude ...

Source

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

hk_casualties

Dataset of casualties involved in collisions between 2014 and 2019.

Description

A dataset containing information of collisions by casualties between 2014 and 2019.

Usage

hk_casualties

Format

A data frame with 120110 rows and 10 variables:

OBJECTID
Year
Serial_No_
Casualty_Age
Casualty_Sex
Degree_of_Injury
Role_of_Casualty
Location_of_Injury_Head
Location_of_Injury_Upper_trunk
Location_of_Injury_Lower_trunk
Location_of_Injury_Arms
Location_of_Injury_Legs
Pedestrian_Action
Vehicle_Class_of_Driver_or_Pass ...

Source

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

hk_vehicles

Dataset of vehicles involved in collisions between 2014 and 2019.

Description

A dataset containing information of collisions by vehicles between 2014 and 2019.

Usage

hk_vehicles

Format

A data frame with 153062 rows and 8 variables:

OBJECTID

Year

Serial_No_

Driver_Age

Driver_Sex

Year_of_Manufacture

Severity_of_Accident

Vehicle_Class ...

Source

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

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