Package: nycomplaints (via r-universe)

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Type Package

Title NYC Complaints

Version 0.3.0

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Description CouncilStat data on constituent issues in New York City.

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Encoding UTF-8

LazyData true

LazyDataCompression xz

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

URL https://github.com/kjhealy/nycomplaints

BugReports https://github.com/kjhealy/nycomplaints/issues

Imports dplyr, magrittr, tidyr

Suggests drat, lubridate, knitr, rmarkdown, scales, skimr, tidyverse, testthat

VignetteBuilder knitr

Depends R (>= 3.5)

Config/pak/sysreqs libicu-dev

Repository https://kjhealy.r-universe.dev

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RemoteUrl https://github.com/kjhealy/nycomplaints

RemoteRef HEAD

RemoteSha f7a1a185a07e37b6ee215cfae0528d543bab5df0

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`census_vars` *Census variables*

Description

Lookup table for ACS variable names

Usage

```
census_vars
```

Format

A data frame with 9 rows and 2 variables:

`variable` character Census variable name

`varname` character Short name used in zipcode table

Details

None.

`fmt_nc` *fmt_nc*

Description

Format fmt_nc in df

Usage

```
fmt_nc(x)
```

Arguments

`x`	df

Details

use in fn documentation

Value

formatted string

Author(s)

Kieran Healy

Examples

```
## Not run:
if(interactive()){
 #EXAMPLE1
 }

## End(Not run)
```

`fmt_nr` *fmt_nr*

Description

Format fmt_nr in df

Usage

```
fmt_nr(x)
```

Arguments

x	df

Details

use in fn documentation

Value

formatted string

Author(s)

Kieran Healy

Examples

```
## Not run:
if(interactive()){
 #EXAMPLE1
 }

## End(Not run)
```

`nyc_zips` *NYC Zip Codes by borough*

Description

Zip codes and borough names

Usage

```
nyc_zips
```

Format

A data frame with 211 rows and 5 variables:

- `zip` Zip code (char)
- `borough` Borough name
- `city` City name (USPS)
- `county` County name
- `long_county` County name, New York
- `short_county` One word county name

Details

Sources: https://www.nyc.gov/assets/planning/download/office/data-maps/nyc-population/census2000/sf1p11.xls and https://worldpopulationreview.com/zips/new-york

`nycomplaints` *Complaints to NYC Council Constituent Services*

Description

Complaints data from New York City's CouncilStat

Usage

```
nycomplaints
```

Format

A data frame with 341,299 rows and 11 variables:

`unique_key` character Complaint identifier.

`account` character NYC Council District that created the casework, this may or not be the district that the constituent lives in.

`opendate` date Date the casework is created by staff.

`closedate` date Close Date is the date the casework was closed. A casework could be closed because the issue is resolved or because no further action could be taken.

`complaint_type` character Broader category designated by staff for the constituent casework. complaint_type corresponds to NYC Council Legislative Committees.

`descriptor` character Specific category designated by staff for the constituent casework.

`zip` integer Zip code of the constituent.

`borough` character Borough of the constituent.

`city` character City of the constituent.

`council_dist` Council District of the constituent.

`community_board` Community Board of the constituent.

Details

Table: Data summary

Name	nycomplaints
Number of rows	341299
Number of columns	11
_____	
Column type frequency:	
Date	2
character	9
_____	
Group variables	None

Variable type: Date

skim_variable	n_missing	complete_rate	min	max	median	n_unique
opendate	0	1.00	2015-01-01	2025-01-09	2018-06-19	3296
closedate	14142	0.96	2015-01-02	2025-01-09	2018-11-20	2686

Variable type: character

skim_variable	n_missing	complete_rate	min	max	empty	n_unique	whitespace
unique_key	0	1.00	12	12	0	341194	0
account	0	1.00	6	6	0	51	0
complaint_type	7431	0.98	3	25	0	59	0
descriptor	20507	0.94	1	56	0	1259	0
zip	50624	0.85	1	5	0	1370	0
borough	63097	0.82	5	13	0	5	0
city	35555	0.90	1	49	0	1465	0
council_dist	60210	0.82	4	12	0	156	0
community_board	72772	0.79	1	16	0	99	0

Produced from NYC Open Data Initiative data. The dataset comes from CouncilStat, which is used by many NYC Council district offices to enter and track constituent cases that can range from issues around affordable housing, to potholes and pedestrian safety. This dataset aggregates the information that individual staff have input. However, district staffs handle a wide range of complex issues. Each offices uses the program differently, and thus records cases, differently and so comparisons between accounts may be difficult. Not all offices use the program. For more info - http://labs.council.nyc/districts/data/

Author(s)

Kieran Healy

References

https://data.cityofnewyork.us/City-Government/NYC-Council-Constituent-Services/9hzi-kbqb,http://labs.council.nyc/districts/data/

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