Package 'bjscrapeR'

October 12, 2022

Type Package

Title An API Wrapper for the Bureau of Justice Statistics (BJS)

Version 0.1.0

Description Drawing heavy influence from 'blscrapeR', this pack-
age scrapes crime data from <https://www.bjs.gov/>. Specifi-
cally, it scrapes data from the National Crime Victimization Survey which tracks per-
sonal and household crime in the USA. The idea is to utilize the 'tidyverse' methodology to cre-
ate an efficient work flow when dealing with crime statistics.

Depends R (>= 3.4.0)

Imports readr, dplyr, glue, tibble

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URL <https://github.com/dylanjm/bjscrapeR>

BugReports <https://github.com/dylanjm/bjscrapeR/issues>

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1.9000

NeedsCompilation no

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Repository CRAN

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R topics documented:

ncvs_api   *Request Data from the National Crime Victimization Survey (NCVS)*

Description

Returns data from NCVS API

Usage

```
ncvs_api(year = 2016, dataset = "personal", population = FALSE, ...)
```

Arguments

year	These data-archives span all the way back from 1993 to 2016. Currently there is no way to query multiple years at a time. The default year is 2016.
dataset	The API provides two different datasets, the personal victimization, and household victimization for all years.
population	A boolean value specifying whether to return personal victimization population of incidents reported to the NCVS by year.
...	Any additional parameters

Value

A tibble containing information downloaded from API.

Note

Please be aware of the Decennial Sample Redesign: "In 2006 and 2016, the NCVS sample was redesigned to reflect changes in the population based on the most recent Decennial Census. The redesign impacted the comparability of 2006 and 2016 estimates to prior years of data. Use caution when comparing 2006 and 2016 estimates to other years. See Criminal Victimization, 2006 Technical Notes *(BJS Web, NCJ 219413, December 2007)*, Criminal Victimization, 2007 *(BJS Web, NCJ 224390, December 2008)* and Criminal Victimization, 2016 *(BJS Web, NCJ 250652, November 2017)* for more information."

See Also

https://www.bjs.gov/developer/ncvs/methodology.cfm

Examples

```
# A request for personal victimization survey for the year 2012
dat <- ncvs_api(year = 2012, dataset = "personal", population = FALSE)

# A request for household victimization survey for the year 1994
dat <- ncvs_api(year = 1994, dataset = "household", population = FALSE)
```

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ncvs_household_codebook

National Crime Victimization Survey - Household Codebook

Description

A tidy dataset describing the variables found in the household ncvs dataset. Each row represents a value associated with a specific variable.

Usage

```
ncvs_household_codebook
```

Format

A tibble with 58 rows and 5 variables:

ncvs_h_id Variable Id

ncvs_h_name Human Readable Variable Name

ncvs_h_desc Short description of Variable

ncvs_h_values Human Readable Values

ncvs_h_factor_values Factor Values Assigned to Values

Source

Methodology - https://www.bjs.gov/developer/ncvs/methodology.cfm

XML File - https://api.bjs.ojp.gov/bjs/ncvs/v2/household/fields

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ncvs_personal_codebook

National Crime Victimization Survey - Personal Codebook

Description

A tidy dataset describing the variables found in the personal ncvs dataset. Each row represents a value associated with a specific variable.

Usage

```
ncvs_personal_codebook
```

Format

A tibble with 89 rows and 5 variables:

ncvs_p_id Variable Id

ncvs_p_name Human Readable Variable Name

ncvs_p_desc Short description of Variable

ncvs_p_values Human Readable Values

ncvs_p_factor_values Factor Values Assigned to Values

Source

Methodology - `https://www.bjs.gov/developer/ncvs/methodology.cfm`

XML File - `https://api.bjs.ojp.gov/bjs/ncvs/v2/personal/fields`

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