

Package ‘fakir’

April 13, 2023

Title Generate Fake Datasets for Prototyping and Teaching

Version 1.0.0

Description Create fake datasets that can be used for prototyping and teaching. This package provides a set of functions to generate fake data for a variety of data types, such as dates, addresses, and names. It can be used for prototyping (notably in 'shiny') or as a tool to teach data manipulation and data visualization.

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URL <https://github.com/Thinkr-open/fakir>

BugReports <https://github.com/Thinkr-open/fakir/issues>

Depends R (>= 2.10)

Imports attempt, charlatan, dplyr, glue, lubridate, magrittr, purrr, stats, tibble, tidyr, withr

Suggests covr, ggplot2, knitr, pkgdown, rmarkdown, sf, testthat

VignetteBuilder knitr

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

Date/Publication 2023-04-13 11:20:02 UTC

R topics documented:

fake_base_clients	2
fake_products	3
fake_ticket_client	3
fake_user_feedback	4
fake_visits	5
fra_sf	6

Index	7
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fake_base_clients	<i>Create a fake base of tickets</i>
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Description

A fake base of customer support tickets

Usage

```
fake_base_clients(n, local = c("en_US", "fr_FR"), seed = 2811)
```

Arguments

n	the number of clients
local	the local of the base. Currently supported : "fr_FR" and "en_US".
seed	the random seed, default is 2811

Value

A dataframe of fake clients.

Examples

```
fake_base_clients(n = 10)
fake_base_clients(n = 10, local = "fr_FR")
```

fake_products	<i>Fake base of products</i>
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Description

Fake base of products

Usage

```
fake_products(n, seed = 2811)
```

Arguments

n	Number of Products to generate
seed	the random seed, default is 2811

Value

a dataframe
A dataframe of fake products.

Examples

```
fake_products(10)
```

fake_ticket_client	<i>Base ticket client</i>
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Description

Une fausse base client de ticket Telecom

Usage

```
fake_ticket_client(  
  vol,  
  x,  
  n = 200,  
  split = FALSE,  
  seed = 2811,  
  local = c("en_US", "fr_FR")  
)
```

Arguments

vol	le nombre de tickets a retourner
x	Optionnal. fake client data base
n	Number of clients in the client database if x not provided
split	la base doit elle être separee en deux ?
seed	fixe la graine aleatoire
local	the local of the base. Currently supported : "fr_FR" and "en_US".

Details

- Same client can have multiple tickets
- Some clients are more sampled than others
- Some types are more sampled than others
- Some etat are more sampled than others

Value

A dataframe of fake tickets.

Examples

```
x <- fake_ticket_client(1000, split = TRUE)
plot(x$clients$entry_date, x$clients$fidelity_points)
barplot(table(x$tickets$type))
barplot(table(x$tickets$state))
```

fake_user_feedback *Fake user feedbacks*

Description

Fake user feedbacks

Usage

```
fake_user_feedback(  
  n,  
  seed = 2811,  
  from = "2012-01-01 00:00:01",  
  to = "2020-01-01 00:00:01"  
)
```

Arguments

n	Number of feedbacks to generate
seed	the random seed, default is 2811
from, to	the date to cover

Value

a dataframe

Examples

```
fake_user_feedback(10)
```

fake_visits	<i>Create a fake support ticket base</i>
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Description

Create a fake support ticket base

Usage

```
fake_visits(  
  from = "2017-01-01",  
  to = "2017-12-31",  
  local = c("en_US", "fr_FR"),  
  seed = 2811  
)
```

Arguments

from, to	the date to cover
local	the local of the base. Currently supported : "fr_FR" and "en_US".
seed	fixe la graine aleatoire

Value

A dataframe of fake web visits.

Examples

```
fake_visits()
```

fra_sf	<i>Map of France</i>
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Description

A map of France as sf object. Can be used as dataset or for maps

Usage

```
fra_sf
```

Format

A data frame with 96 rows, 5 variables and a spatial geometry (MULTIPOLYGON):

OBJECTID polygon identifier

pays country: France

region region name

departement departement name

id_dpt departement id

geometry polygon geometry

Index

* datasets

fra_sf, [6](#)

fake_base_clients, [2](#)

fake_products, [3](#)

fake_ticket_client, [3](#)

fake_user_feedback, [4](#)

fake_visits, [5](#)

fra_sf, [6](#)