

# Package: fakir (via r-universe)

June 8, 2024

**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.

**License** MIT + file LICENSE

**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

**Repository** <https://thinkr-open.r-universe.dev>

**RemoteUrl** <https://github.com/ThinkR-open/fakir>

**RemoteRef** HEAD

**RemoteSha** 36cba80140b63ef982fb3b90b2826bf658e595d6

## Contents

|                              |   |
|------------------------------|---|
| fake_base_clients . . . . .  | 2 |
| fake_products . . . . .      | 2 |
| fake_ticket_client . . . . . | 3 |
| fake_user_feedback . . . . . | 4 |
| fake_visits . . . . .        | 5 |
| fra_sf . . . . .             | 5 |

**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      *Base ticket client*

---

**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))
```

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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> |
|-------------|--|

---

**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()
```

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|        |                      |
|--------|----------------------|
| 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, [5](#)

fake\_base\_clients, [2](#)

fake\_products, [2](#)

fake\_ticket\_client, [3](#)

fake\_user\_feedback, [4](#)

fake\_visits, [5](#)

fra\_sf, [5](#)