Become A True Faker

Python Mauritius UserGroup (pymug)

More info: mscc.mu/python-mauritius-usergroup-pymug/

Where Are We? 🏠

Why	Where
codes	github.com/pymug
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all info	pymug.com
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Updates

Our mailing list:

https://mail.python.org/mailman3/lists/pymug.python.org/

Abdur-Rahmaan Janhangeer
python developer

twitter: @osdotsystem
github: github.com/abdur-rahmaanj

www.pythonmembers.club

Become A True Faker

What is faker?

Faker is a library to produce fake data/place holders

```
python -m pip install faker
```

Init

```python
from faker import Faker
fake = Faker()
```

Person

Name

```
>>> fake.name()
'Audrey Spencer'
>>> fake.name()
'Erin Nichols'
>>> fake.name()
'Tanner Huber'
>>> fake.name()
'Ronald Krueger'
>>> fake.name()
'Jason Cantu'
```

First Name Female

```
>>> fake.first_name_female()
'Jennifer'
>>> fake.first_name_female()
'Amber'
>>> fake.first_name_female()
'Sandra'
>>> fake.first_name_female()
'Shelly'
>>> fake.first_name_female()
'Jasmine'
```

Address

```
>>> fake.address()
'89197 Allen Underpass\nEast Michaela, DC 19520'
>>> fake.address()
'92806 Laura Hills Apt. 074\nEvelynfurt, KS 64753'
>>> fake.address()
'829 Cruz Station Apt. 599\nGomezview, IL 58520'
>>> fake.address()
'PSC 7462, Box 0055\nAPO AP 37745'
>>> fake.address()
'9239 Taylor Overpass\nNew Michaelside, KY 19315'
```

Job

```
>>> fake.job()
'Tourism officer'
>>> fake.job()
'Copy'
>>> fake.job()
'Publishing rights manager'
>>> fake.job()
'Air traffic controller'
>>> fake.job()
'Tour manager'
```

Company

```
>>> fake.company()
'Drake-Craig'
>>> fake.company()
'Garner, Stanley and Hicks'
>>> fake.company()
'Reynolds-Williamson'
>>> fake.company()
'Garner Group'
>>> fake.company()
'Morales Group'
>>> fake.company()
'Mata Ltd'
```

Mail

```
>>> fake.company_email()
'perezwilliam@phillips.info'
>>> fake.company_email()
'mcdonaldtina@moore-pena.com'
>>> fake.company_email()
'danieljuan@rosales-morales.org'
>>> fake.company_email()
'stephaniesherman@jackson.com'
>>> fake.company_email()
'sara72@taylor-taylor.com'
```

To Try

```
>>> fake.prefix_male()
>>> fake.suffix_female()
>>> fake.profile()
>>> fake.license_plate()
>>> fake.phone_number()
>>> fake.ascii_safe_email()
```

Location

Country

```
>>> fake.country()
'Cape Verde'
>>> fake.country()
'Niger'
>>> fake.country()
'Netherlands'
>>> fake.country()
'Dominican Republic'
>>> fake.country()
'Timor-Leste'
```

City

```
>>> fake.city()
'Byrdside'
>>> fake.city()
'Mckeeburgh'
>>> fake.city()
'South Emilyberg'
>>> fake.city()
'New Maryton'
>>> fake.city()
'Fostermouth'
```

Street Name

```
>>> fake.street_name()
'Jacqueline Avenue'
>>> fake.street_name()
'Mario Pines'
>>> fake.street_name()
'Kathy Views'
>>> fake.street_name()
'Jacqueline Spur'
>>> fake.street_name()
'Brown Harbor'
```

Coordinate

```
>>> fake.coordinate()
Decimal('-30.336603')
>>> fake.coordinate()
Decimal('93.858832')
>>> fake.coordinate()
Decimal('-88.306896')
>>> fake.coordinate()
Decimal('-146.650025')
>>> fake.coordinate()
Decimal('-67.556469')
```

Location On Land

```
>>> fake.location_on_land()
('56.11281', '69.49015', 'Ishim', 'RU', 'Asia/Yekaterinburg')
>>> fake.location_on_land()
('41.15376', '-87.88754', 'Bourbonnais', 'US',
    'America/Chicago')
>>>
>>> fake.location_on_land()
('68.79833', '16.54165', 'Harstad', 'NO', 'Europe/Oslo')
>>> fake.location_on_land()
('31.76212', '-95.63079', 'Palestine', 'US',
    'America/Chicago')
>>> fake.location_on_land()
('31.96258', '73.97117', 'Naushahra Virkan', 'PK',
    'Asia/Karachi')
```

To Try

```
>>> fake.postcode()
>>> fake.country_code()
>>> fake.building_number()
>>> fake.latitude()
>>> fake.longitude()
```

Date & Time

Century

```
>>> fake.century()
'VIII'
>>> fake.century()
'XIII'
>>> fake.century()
'XVII'
>>> fake.century()
'X'
>>> fake.century()
'VII'
```

Date

```
>>> fake.date()
'1998-05-10'
>>> fake.date()
'2007-05-28'
>>> fake.date()
'1987-11-24'
>>> fake.date()
'2002-09-03'
>>> fake.date()
'2001-08-07'
```

Day

```
>>> fake.day_of_week()
'Sunday'
>>> fake.day_of_week()
'Friday'
>>> fake.day_of_week()
'Sunday'
>>> fake.day_of_week()
'Thursday'
>>> fake.day_of_week()
'Tuesday'
```

Time

```
>>> fake.time()
'16:06:33'
>>> fake.time()
'04:08:12'
>>> fake.time()
'17:35:55'
>>> fake.time()
'16:30:40'
>>> fake.time()
'02:46:53'
```

TimeZone

```
>>> fake.timezone()
'Europe/Budapest'
>>> fake.timezone()
'Asia/Samarkand'
>>> fake.timezone()
'Africa/Accra'
>>> fake.timezone()
'Asia/Baghdad'
>>> fake.timezone()
'Africa/Mbabane'
```
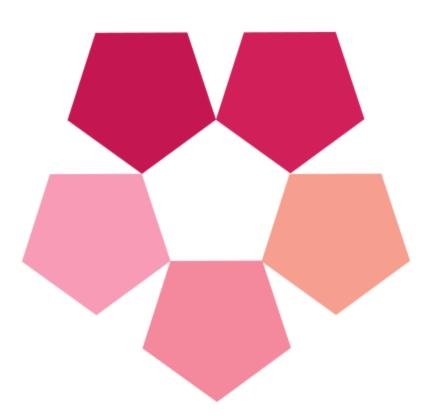
Date Between

```python
>>> from datetime import date
>>> start = date(2019, 12, 1)
>>> end = date(2020, 5, 1)
>>> fake.date_between(start_date=start, end_date=end)
date(2020, 3, 11)
```

To Try

```
>>> fake.date_this_century()
>>> fake.date_this_month()
>>> fake.date_of_birth(minimum_age=50, maximum_age=95)
>>> fake.date_between(start_date='-30y', end_date='today')
```
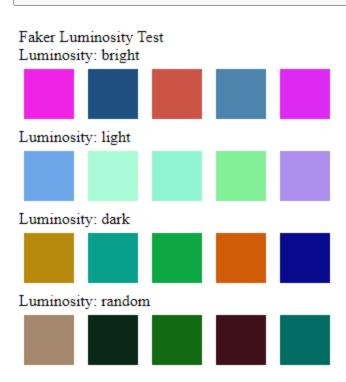
Colors

```
>>> fake.color(hue='red')
Valid values are 'monochrome',
'red', 'orange', 'yellow', 'green',
'blue', 'purple', and 'pink'.
```
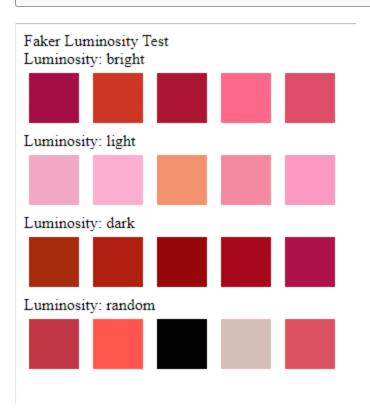
```
>>> fake.color(hue='green')
```

```
>>> fake.color(luminosity='...')
```

Faker Luminosity Test
Luminosity: bright

Luminosity: light

Luminosity: dark

Luminosity: random

```
>>> fake.color(hue='red', luminosity='...')
```

Faker Luminosity Test
Luminosity: bright

Luminosity: light

Luminosity: dark

Luminosity: random

The Docs

https://faker.readthedocs.io/en/master/providers.html

faker.providers

faker.providers.address

faker.providers.automotive

faker.providers.bank

faker.providers.barcode

faker.providers.color

faker.providers.company

faker.providers.credit_card

faker.providers.currency

faker.providers.date_time

faker.providers.file

```
faker.providers.geo
faker.providers.internet
faker.providers.isbn
faker.providers.job
faker.providers.lorem
faker.providers.misc
faker.providers.person
faker.providers.phone_number
faker.providers.profile
faker.providers.python
faker.providers.ssn
faker.providers.user_agent
```