Data is key for the training a Machine Learning model.

Injection of data is the first piece of the construction of a data lake. Let's play with some APIs to retrieve and transform data.

Resources

Read or watch:

```
Requests package
```

Learning Objectives

At the end of this project, you are expected to be able to explain to anyone, without the help of Google:

General

```
How to use the Python package requests
How to make HTTP GET request
How to handle rate limit
How to handle pagination
How to fetch JSON resources
How to manipulate data from an external service
```

Requirements

General

```
Allowed editors: vi, vim, emacs
All your files will be interpreted/compiled on Ubuntu 16.04 LTS using python3
(version 3.5)
All your files should end with a new line
The first line of all your files should be exactly #!/usr/bin/env python3
A README.md file, at the root of the folder of the project, is mandatory
Your code should use the pycodestyle style (version 2.4)
All your modules should have documentation (python3 -c
'print(__import__("my_module").__doc__)')
All your classes should have documentation (python3 -c
'print(__import__("my_module").MyClass.__doc__)')
All your functions (inside and outside a class) should have documentation
(python3 -c 'print(__import__("my_module").my_function.__doc__)' and python3 -c
'print(__import__("my_module").MyClass.my_function.__doc__)')
All your files must be executable
```