Alberto Andrés Valdés González.
Degree: Mathematical Engineer.
Work position: Data Scientist.
Mail: anvaldes@uc.cl/alberto.valdes.gonzalez.96@gmail.com
Location: Santiago, Chile.

Bots

What is a bot?

A bot – short for robot and also called an internet bot – is a computer program that operates as an agent for a user or other program or to simulate a human activity. Bots are normally used to automate certain tasks, meaning they can run without specific instructions from humans.

An organization or individual can use a bot to replace a repetitive task that a human would otherwise have to perform. Bots are also much faster at these tasks than humans. Although bots can carry out useful functions, they can also be malicious and come in the form of malware.

How do bots works?

Normally, bots operate over a network. They communicate with one another using internet-based services, such as instant messaging (IM); interfaces like Twitterbots; or Internet Relay Chat. According to the 2021 research report titled "Bot Attacks: Top Threats and Trends"from security firm Barracuda, more than two-thirds of internet traffic is bots. In addition, 67% of bad bot traffic originates from public data centers in North America.

Execution

```
python directory_clean.py --path ./test
```

Deployment

We need to deploy this bot which code to use is:

```
directory_clean.py
```