Setting up the computational environment
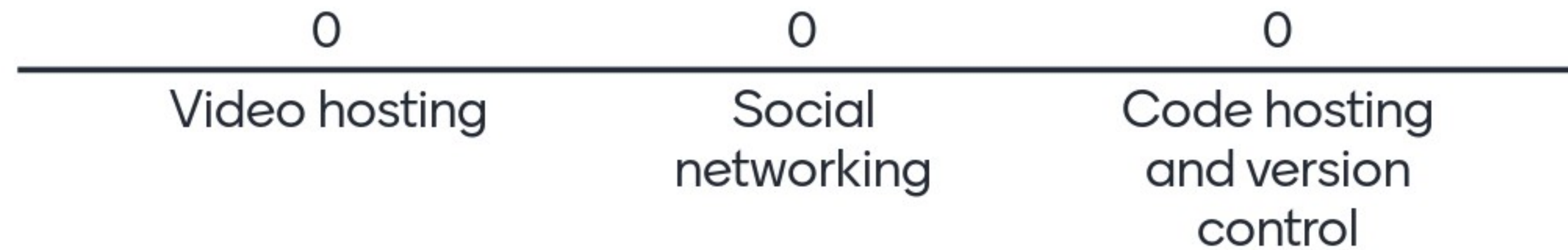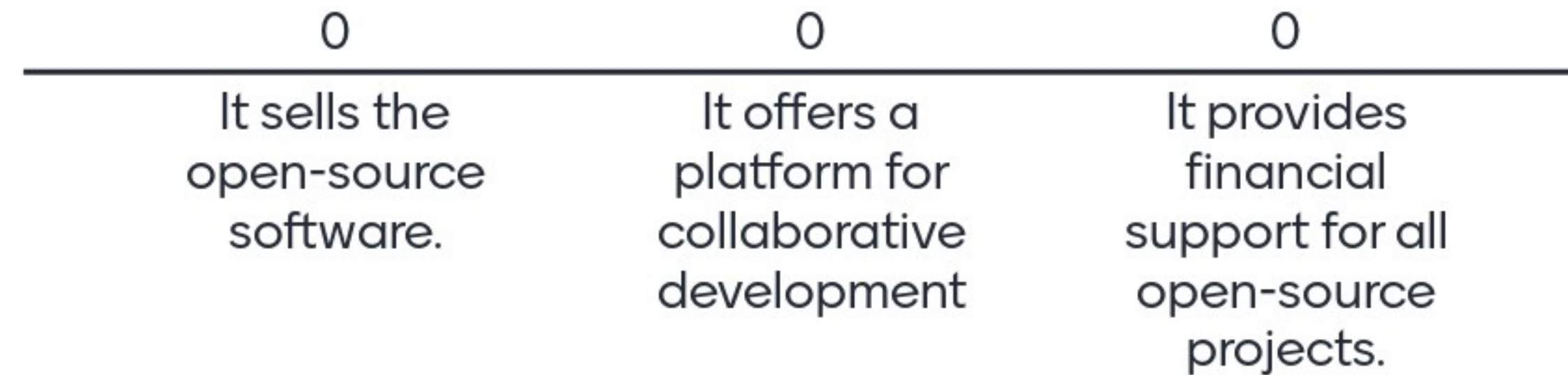
Module 2B - Centre for Drug Discovery, University of Buea

What is GitHub primarily used for?

0	0	0
Video hosting	Social networking	Code hosting and version control

How does GitHub help in open source projects?

0	0	0
It sells the open-source software.	It offers a platform for collaborative development	It provides financial support for all open-source projects.

What is your GitHub user name?

Waiting for responses ...

In what order will you start your data science journey?

1st — Write my first python notebook with Google Colab

2nd — Create a GitHub account

3rd — Install Visual Studio Code

4th — Install Conda

5th — Install Docker

Which system is more convenient for data science

1st | Linux (Ubuntu)

2nd | MacOSX

3rd | Windows
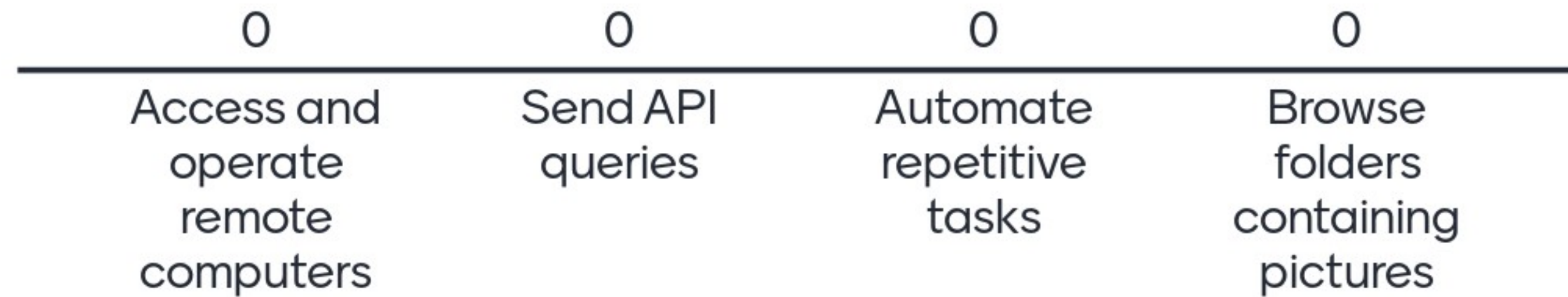
Which software tool scares you the most?

Waiting for responses ···

What does API stand for?

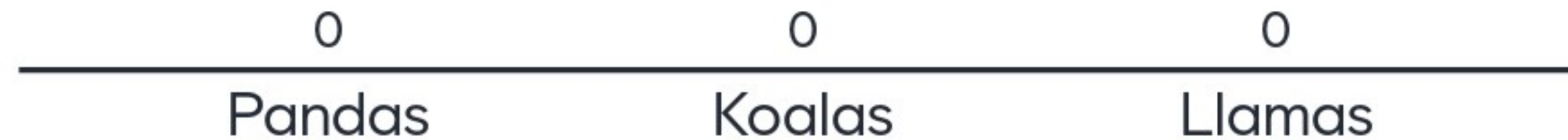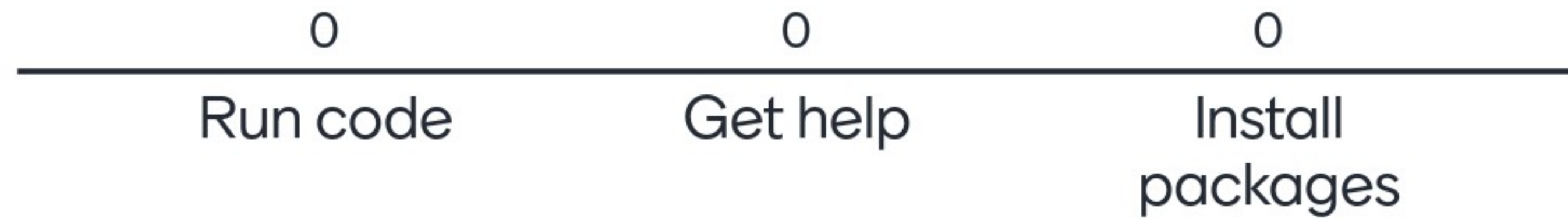| 0	0	0	0
Application Programming Interface	Applied Protocol Input	Advanced Performance Index	Alien Pancake Invasion

Command line interface is useful for...

0	0	0	0
Access and operate remote computers	Send API queries	Automate repetitive tasks	Browse folders containing pictures

Why do we prefer Python?

Waiting for responses ...

What Python package will we use to deal with data tables?

0	0	0
Pandas	Koalas	Llamas

In Python, the 'pip' is used to...

0	0	0
Run code	Get help	Install packages

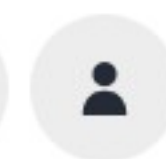# Which Python packages are more relevant to your research?

1st | RDKit

2nd | Pandas

3rd | Matplotlib
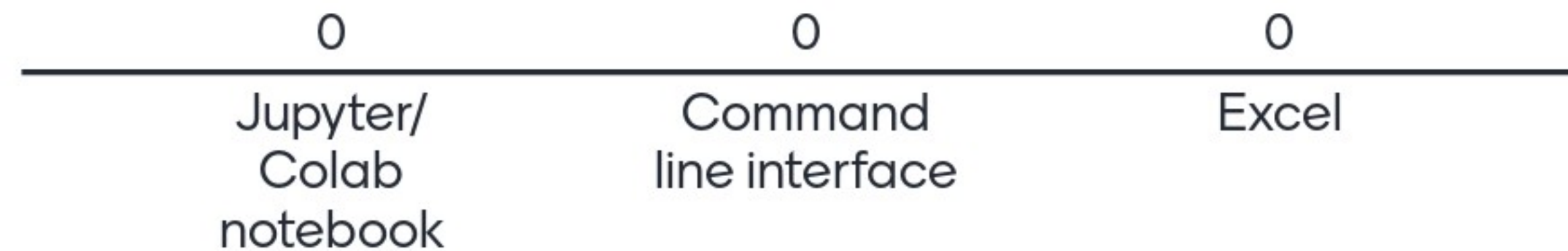
4th | Seaborn

5th | Scikit-Learn

6th | PyTorch

RDKit can be used to...

Waiting for responses ...

In an exploratory phase of a project, including plots and quick calculations, I will use...

0	0	0
Jupyter/ Colab notebook	Command line interface	Excel

When working with conda, typically...

0	0	0
One project will have one environment	One computer will have one environment	I will install my packages in the 'base' environment

colab.research.google.com

My first Google Colab notebook!