# Piscines: Quick presentation

*Summary:*

*Version: 1.1*

# Contents

# Chapter I

# Piscine

What is a piscine?
Much like the selection piscine, the project is split in many small projects (modules), and with each day a new notion on the language/paradigm/technology you chose to work on. Validating a piscine requires more than just a day or two of investment. To ensure that this piscine is done correctly, it is recommended that you take note of everything listed below:

- You can't validate the piscine if you work only on one or two projects.

- Trying to turn in every day: even if something isn't finished, it's better to try and turn it in.

- At least a week's work: going into the piscine shouldn't be taken lightly.

- Each initialized depot will be automatically closed after one day.

- You have two days to complete the required peer-evaluations in each module.

- It is possible to retry your modules without waiting.

It is important not to do these modules alone. For this reason it is **highly** recommended to approach these piscines with several students.

# Chapter II

# Preamble

Here is what Wikipedia has to say about Python:

Python is a genus of constricting snakes in the Pythonidae family native to the tropics and subtropics of the Eastern Hemisphere.

The name Python was proposed by François Marie Daudin in 1803 for non-venomous flecked snakes. Currently, 10 python species are recognized as valid taxa.

Three formerly considered python subspecies have been promoted, and a new species recognized.

But this is not the type of python we will talk about in the rest of this module.

We are going to see the python programming language, it is a high level object language that is often used for data science because it has a lot of libraries that can help you strongly in this field.

# Chapter III

# Instruction

To validate this piscine you must do the following projects:

- Python - 0 - Starting

- Python - 1 - Array

- Python - 2 - DataTable

- Python - 3 - OOP

- Python - 4 - Dod

You must validate each project in that order. Indeed, it will not be possible to register for a project if the previous project is not valid.



You must be registered to this project.



It is important to refer to this document to access your projects. You can click on each module on this page to access it or use the list of projects available in your intra.