

Digital culture and skills 1

Introducing

Description

Introductory course to AI: history, algorithms, issues.
"No code" discovery of neural networks on Vittascience;
notebook for building a small character recognition
network.
Presentation of PIX and study of a certain number of
themes independently with the objective of passing the
PIX certification at the end of the 3rd year.

Objectives

At the end of this module, the student will have
discovered the first dimensions of the field of AI:
history, examples of what AI allows, distinction between
supervised and unsupervised learning, rapid scope of
techniques and algorithms, ethical aspects, risks and
controversies. In a second part, the student will have
advanced his PIX course according to the defined
program.

Necessary prerequisites

Basics of Python Programming

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en
continu tout le long du semestre. En fonction des
enseignements, elle peut prendre différentes formes :
examen écrit, oral, compte-rendu, rapport écrit,
évaluation par les pairs...

Practical info

Location(s)

 Toulouse