

BITCOIN NETWORK AND MACHINE LEARNING (PYTHON)



Niveau
d'étude
BAC +5



Composante
Ecole
d'économie
de la
Sorbonne
(EES)



Volume
horaire
18h



Période de
l'année
Printemps

En bref

- > **Langue(s) d'enseignement:** Anglais
- > **Méthodes d'enseignement:** En présence
- > **Forme d'enseignement :** Cours magistral
- > **Ouvert aux étudiants en échange:** Non

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Description

Summary: This course is an introduction to the concepts of network science applied to graphs of transactions extracted from a blockchain.

It will cover theoretical aspects such as the characterization of networks at the micro, macro and meso levels, but also discuss the specific case of Bitcoin transaction network, how to build and explore it, and what insight previous research gave us about it.

Students will learn tools and libraries to explore, process and visualize such networks.

Professor: Rémy Cazabet (Professor of Computer Science - University of Lyon)

Student assessment: Project in Python

Infos pratiques

Campus

› Maison des Sciences Économiques