

NFT Generation using Python

Course aim:

This course aims to provide participants with the knowledge and skills required to generate Non-Fungible Tokens (NFTs) using a Python NFT generator.

Objectives:

- Understand Blockchains NFTs and their significance.
- Learn the basics of creating and modifying xml/svg files.
- Learn how to create a meta svg file using Inkscape.
- Generate NFT collection.
- A brief intro on other methods to create svg using Python.

Topics:

Lecture	Material
Introductions into Blockchains, NFT	Slides, reading documents and video
Optional: Install Python, Jupyter notebook	Reading documents and video
Jupyter notebooks, Python and Inkscape	Jupyter notebooks, Slides, reading documents and video
Handling SVG files (xml) using Python	Jupyter notebooks, Slides, reading documents and video
Create an NFT collection	Jupyter notebooks, Slides, reading documents and video
Conclusions	Jupyter notebooks, Slides, reading documents and video

This course combines theoretical understanding with practical hands-on sessions using Jupyter notebooks and Python. It also incorporates multimedia materials such as slides, reading documents, and video content to cater to different learning styles. The course aims to provide a comprehensive overview of NFT generation using Python, covering theoretical and practical aspects.