

# Lab Session: OpenSea Collection Analysis

## BSc Blockchain, Crypto Economy & NFTs

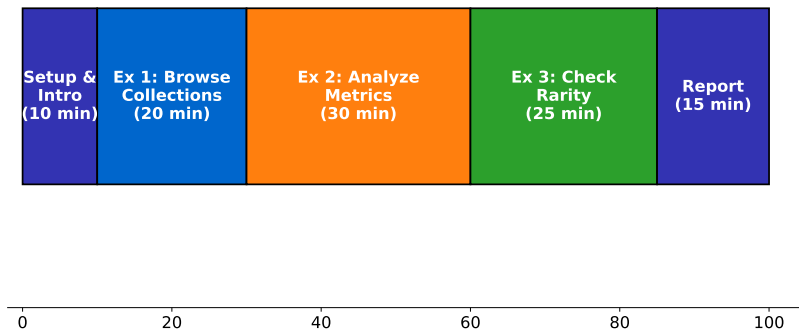
Course Instructor

Module C: NFTs & Digital Assets

By the end of this lab session, you will be able to:

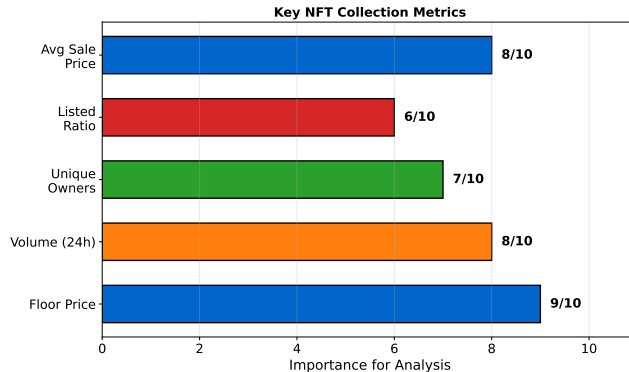
- Navigate OpenSea marketplace effectively
- Analyze NFT collection metrics
- Evaluate rarity using trait analysis
- Identify legitimate vs suspicious collections
- Use third-party rarity tools

## OpenSea Analysis Lab: 100 Minutes



*Focus on analysis skills, not purchasing*

# Key Collection Metrics



*Floor price and volume are the most watched metrics*

# Exercise 1: Browse Collections

## Navigate OpenSea:

- 1 Visit: <https://opensea.io>
- 2 Explore Rankings: Top collections by volume
- 3 Select a collection (e.g., Bored Apes, Azuki, Pudgy Penguins)
- 4 Note: floor price, total volume, owner count

## Collection Stats to Record:

- Total items and unique owners
- Floor price and 7-day volume
- Creator royalty percentage
- Contract verification status

## Exercise 2: Metric Analysis

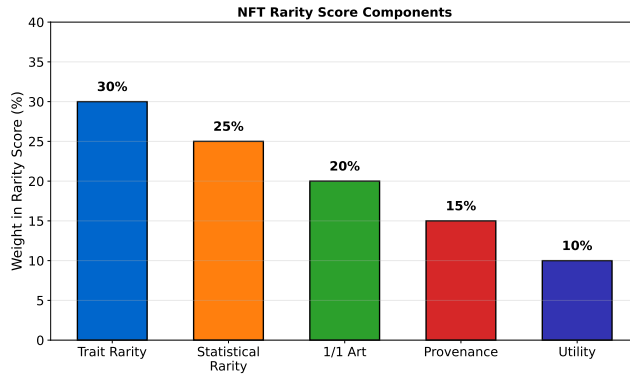
### Key Metrics Explained:

- **Floor Price:** Lowest listed price
- **Volume:** Total trading activity (ETH)
- **Listed Ratio:** % of collection for sale
- **Unique Owners:** Distribution measure

### Analysis Questions:

- 1 Is floor price stable or volatile?
- 2 High volume with low owners = wash trading?
- 3 What % of collection is listed? (High = bearish)

# Rarity Score Components



*Trait rarity is typically the largest factor in NFT valuation*

## Exercise 3: Rarity Analysis

### Tools:

- Rarity.tools
- Trait Sniper
- OpenSea trait filters

### Tasks:

- 1 Select an item from your chosen collection
- 2 List all traits and their rarity percentages
- 3 Calculate approximate rarity rank
- 4 Compare price to similar rarity items



## Submit:

### 1 Collection Analysis (2 pages):

- Collection name and contract address
- Key metrics summary
- Rarity analysis of one item
- Market health assessment

### 2 Screenshots:

- Collection stats page
- Individual item with traits
- Price history chart

# Key Takeaways

- Floor price is the key metric for collection health
- High unique owner count indicates strong distribution
- Rarity drives individual NFT pricing
- Watch for wash trading (high volume, few owners)
- Verify contract and creator reputation