Why **Learn Blockchain With Us?**

- Trusted
- Strategic
- Practical
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What Are NFTs?

Non-fungible tokens or NFTs are a type of digital token where every token is different and hold unique characteristics.

Due to the nature of the NFTs, many NFTs have varying rarity and are considered valuable in the digital asset community. Anything from games to painting and even memes can be an NFT.
Key Characteristics of NFTs

- Indivisibility
- Ownership
- Uniqueness
- Rarity
- Transparency
- Interoperability
Technically, anyone can create NFTs, however, that does not mean that all NFTs will get a high value during the sale.

Many NFT marketplaces allow any user to create their own NFTs, but the users need to have a reputation within the community to earn a good value for their work.

A higher social media presence and a fan base are the highest factors in determining an NFTs value.
Ethereum token standard is the most common token standard that NFTs use now. Typically, ERC-721 and ERC-1155 token standards are widely used to create various NFTs.

Some early-stage NFTs use a hybrid ERC-20 token standard to create NFTs. Unfortunately, to sell them you need to wrap them.

Other than Ethereum, EOS, FLOW, Tezos, etc. also offer a specific token standard for developing NFTs.
Popular NFT Projects

- CryptoPunks
- Decentraland
- NBA TopShot
- Axie Infinity
- OpenSea
- Sorare
Popular NFT Projects

CryptoPunks: CryptoPunks is a collection of digital art collectibles. Here, every punk is a unique character with a similar art style (24x24 pixels).

Axie Infinity: Axie Infinity is a type of game where players collect Axies and use these to battle, breed, raise other Axies.

Decentraland: Decentraland is a virtual world where certain items within the world are NFTs. It uses the Ethereum blockchain.
Popular NFT Projects

**OpenSea**: OpenSea is an NFT marketplace that allows users to buy, sell, create, trade, and own NFTs. OpenSea provides one of the richest collections of NFTs on the market.

**NBA TopShot**: NBA TopShot is a type of collectible NFTs where the platform tokenizes NBA highlights. These highlights are short moments and based on the moment, the value is determined.

**Sorare**: Sorare is a collection of soccer trading cards where users can use the trading cards to create a virtual team and compete with other teams.
Use Cases of NFTs

- NFTs can help digital artists or any type of artist to fight plagiarism as they can tokenize their creations, which can’t be copied.
- Luxury goods can be verified making them NFTs and giving ownership to the buyer only.
- Manufacturing companies can tokenize their products in order to offer provenance to their consumer base.
Institutions can offer NFT based certifications and licenses, to authenticate a person's educational background.

NFTs can stop counterfeiting tickets and merchandise issues within the sports industry.

Games can tokenize in-game items for players and give them ownership over those items.
The security level of NFTs is similar to any type of digital asset and very close to cryptocurrencies.

All of the NFTs are stored on the blockchain platform where the ledger is immutable, making it impossible to delete or alter the ownership.

Blockchain offers robust security protocols and eliminates the scope of cyber-attacks.
Recently, Nifty Gateway was attacked by third parties and they stole millions of dollars of worth of art. Nifty Gateway could ultimately return the items to respectful owners.

Security issues within user authentication are the main source of recent cyber-attacks on NFTs.

Users not using multi-factor authentication processes and using weak passwords or PINs are leading to these security issues.
Where to **Buy and Sell** NFTs?

There are many NFT marketplaces where users can go to buy and sell NFTs. Some of these are –

- OpenSea
- SuperRare
- Rarible
- Nifty Gateway
- Mintable
To buy and sell on NFT marketplaces, users need to create an account and connect their wallets to the account.

Different marketplaces have different supported cryptocurrencies. The most popular currency currently is Ethereum. Users can use Ethereum to buy NFTs.

To buy Ether/Ethereum or any other crypto, users have to get a blockchain wallet and fund it through a fiat-to-crypto currency exchange.
## List of Popular NFT Sales

<table>
<thead>
<tr>
<th>NFT Name</th>
<th>Description</th>
<th>Price</th>
<th>Seller</th>
<th>Buyer</th>
<th>Date of Sale</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVERYDAYS: THE FIRST 5000 DAYS</strong></td>
<td>This artwork is a compilation of the first 5000 digital artwork of Beeple.</td>
<td>$69.3M</td>
<td>Beeple</td>
<td>Metakovan</td>
<td>March 11, 2021</td>
</tr>
<tr>
<td><strong>CRYPTOPUNK #3100</strong></td>
<td>It is a pixelated alien art image with a headband.</td>
<td>$7.58M</td>
<td>Anonymous</td>
<td>Anonymous</td>
<td>March 11, 2021</td>
</tr>
<tr>
<td><strong>CRYPTOPUNK #7804</strong></td>
<td>It is a pixelated alien art image with a cap forward, a small shade, and a pipe.</td>
<td>$7.57M</td>
<td>Anonymous</td>
<td>Anonymous</td>
<td>March 11, 2021</td>
</tr>
<tr>
<td><strong>THE FIRST TWEET</strong></td>
<td>It's the very first tweet of CEO and founder of Twitter, Jack Dorsey.</td>
<td>$2.9M</td>
<td>Jack Dorsey</td>
<td>Sina Estavi</td>
<td>March 22, 2021</td>
</tr>
<tr>
<td><strong>CROSSROADS</strong></td>
<td>It is a short political art video on the presidential election 2020 from Beeple.</td>
<td>$6.6M</td>
<td>Pablo</td>
<td>Anonymous</td>
<td>February 25, 2021</td>
</tr>
</tbody>
</table>
List of Popular NFT Sales

- **CRYPTOPUNK #6965**
  - It is a pixelated art image of an ape with a fedora.
  - **PRICE**: $1.54M
  - **SELLER**: Anonymous
  - **BUYER**: Anonymous
  - **DATE OF SALE**: February 19, 2021

- **AXIE INFINITY GENESIS LAND**
  - These are 9 virtual Genesis land of the game Axie Infinity.
  - **PRICE**: $1.5M
  - **SELLER**: Axie Infinity
  - **BUYER**: Flying Falcon
  - **DATE OF SALE**: February 28, 2021

- **CRYPTOPUNK #4156**
  - It is a pixelated art image of an ape with a blue bandana.
  - **PRICE**: $1.25M
  - **SELLER**: Anonymous
  - **BUYER**: Anonymous
  - **DATE OF SALE**: February 18, 2021

- **NOT FORGOTTEN, BUT GONE**
  - It’s a 16-second video of a rotating golden gummy bear skeleton.
  - **PRICE**: $1M
  - **SELLER**: WhIsBe
  - **BUYER**: Pablo
  - **DATE OF SALE**: March 17, 2021

- **METARIFT**
  - Features spherical objects rotating in various directions and clustered together.
  - **PRICE**: $904.41K
  - **SELLER**: Pak
  - **BUYER**: DANNY
  - **DATE OF SALE**: March 21, 2021
NFTs started to become mainstream in 2017, but not until 2020, did we see a massive surge in NFT popularity.

Only during Q1 2021, the industry resulted in $1.5 billion in transactions, which is 2,627% more compared to Q4 2020.

NFTs are more fluid and flexible compared to other cryptocurrencies such as Ethereum, or Bitcoin. One can transform any type of asset into an NFT.
Users can lose, break or destroy physical assets or collectibles, but NFTs can’t be destroyed or stolen. Once a user gets ownership, they can own it forever.

NFTs are a different take on digital assets, which is quite innovative and easier for non-technical people to understand and take part in.

No one can duplicate NFTs, thus, third parties can’t misuse the intellectual property of an artist.
Blockchain Courses On NFTs

NFT Fundamentals Course
https://academy.101blockchains.com/courses/nft-fundamentals

Ethereum Development Fundamentals
https://academy.101blockchains.com/courses/ethereum-development-fundamentals
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- Weekly Hands-on Assignments
- Professional Instructors
- Premium Support
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Free Resources

Enterprise Blockchains Fundamentals - Free Course

Blockchain Webinars

Blockchain Conferences
101 Blockchains

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Trustpilot
410 reviews
Thank You