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Describe your Idea/Solution

Blockchain network users may learn more about the supply and demand of non-fungible tokens (NFTs) by using analytics tools. Currently, the NFT market is flourishing.

Unique digital objects with blockchain-managed ownership are known as NFTs. NFTs include things like digital artwork, collectibles, virtual reality gear, cryptocurrency domain names, and ownership records for tangible objects.

NFTGO data show that since May 2021, at least one NFT project has been launched on chain every day. Investors may easily fall victim to the "liquidity trap" since NFT projects' quality varies, just like DeFi's does. In truth, you may rely on statistics in the realm of blockchain to avoid "hearsay" and choose which NFT to buy, whether you're a newbie or an investment.

To learn more about NFT, analytics dashboards and reports may be made. Traders, builders, and collectors might get a competitive edge in a brand-new market by applying analytics tools to spot trends and anomalies.

Currently, NFTs based on decentralized communities are being created. Online communities have developed strategies to offer social value due to their rapid growth. A portion of the funds generated is used to advance society.

Novelty/Uniqueness

This dashboard gives investors a beautifully condensed overview of the NFT market. The most recent projects that Smart Minters are minting, the most recent volume of NFT mints, and a leaderboard of the most lucrative wallets are all displayed to investors in this tab.

To pinpoint the elements influencing an NFT's market value, this is real alpha. Investors may view the whole market and the patterns emerging within it from a single source rather than slogging through Discord groups and Twitter. Investors have access to the newest mints, and time is crucial when trading NFTs.

A summary of the NFT collections and price changes for Ethereum NFT are given in the Market Overview NFT data analytics dashboard.

This enables investors to keep tabs on NFT industry developments and determine the mood in the market. Investors may locate NFT collections that are becoming more popular by filtering the price change and minting or buying them. By using the analytics to trade with momentum, this dashboard makes trend trading possible for investors.

From a single dashboard, investors may monitor price movements, volume, and the top NFT flippers. Finding lucrative projects early on has grown more difficult due to the growth of NFTs, which is why investors need an NFT analytics platform to make sure they stay ahead of the competition.

Business Impact

Users may get useful information and insights about the market as well as particular NFT projects through the NFT Sales Analytics Dashboard.

Instead of responding on their feelings and impressions, this enables them to make better educated judgments and maybe enhance their entire trading approach.

Informational graphic defining NFT analytics tools. You may use it to access all of the open data on the blockchain and acquire insights into what is popular, who is trading what, and where profitable trade opportunities are.

Data's enormous value has been increasingly evident since the beginning of the digital era. Data is information, and you can gain from having more accurate information than others.

Technical Architecture

The uniqueness of the asset is guaranteed by the safe recording of NFTs on a block chain, which is the same technology used to create crypto currencies. It may also be challenging to modify or counterfeit NFTs due to the technology.

Cognos Analytics dashboard is used to generate the NFT sales analytics Dashboard.

Various ML techniques are used to preprocess and show the data in the csv file.

The data is obtained from the nfts.dataset and subsequently processed, with various tools being utilized to carry out particular tasks.

To produce an estimated statistical dataset, the graph is drawn using the dataset and the matplotlib tool.

Scope of the work

The platform's goal is to become the go-to information source for all things nonfungible, and it is developing an ecosystem of artists and curators that can add usergenerated material to discover NFT data analytics.

The goal of this solution is to provide a dashboard that can view NFT Data and extract learnings that can benefit both buyers and sellers.

Applying statistical analysis and technology to data in order to identify trends and resolve issues is the main goal of data analytics. Enterprises are increasingly relying on data analytics to analyze and shape business processes, enhance decision-making, and boost financial performance.











