

# Analyzing Uniswap DEX on Bitquery's Explorer and API

[Bitquery](#) is a blockchain data company that provides tools, APIs, and data solutions for developers, analysts, and businesses to access, interpret, and utilize blockchain data. [Bitquery Explorer](#) is a web-based platform provided by [Bitquery](#), designed to offer users a comprehensive and user-friendly interface for exploring and analyzing blockchain data from various blockchain networks. It serves as a tool to interactively navigate and visualize blockchain data for multiple protocols and networks.

Key features of [Bitquery Explorer](#) include:

- **Blockchain Data Exploration:** [Bitquery Explorer](#) allows users to explore and search through data related to transactions, addresses, blocks, smart contracts, tokens, and other relevant information stored on different blockchains.
- **Transaction Details:** Users can access detailed information about individual transactions, such as transaction hashes, sender and recipient addresses, timestamps, transaction amounts, gas fees (for Ethereum-based networks), and more.
- **Address Monitoring:** The platform enables users to track and monitor specific wallet addresses, view transaction histories associated with those addresses, and analyze the flow of tokens or assets.
- **Visualizations and Analytics:** [Bitquery Explorer](#) may offer visual representations, such as graphs, charts, and diagrams, to help users analyze and interpret blockchain data more intuitively. These visualizations can include network activity, token distributions, transaction flows, and more.
- **Search and Filtering:** Users can apply various filters and search parameters to refine their queries and focus on specific subsets of blockchain data relevant to their research or analysis.

Overall, [Bitquery Explorer](#) aims to provide a user-friendly interface that facilitates the exploration, analysis, and visualization of blockchain data across multiple blockchains, making it a valuable tool for researchers, developers, and analysts seeking insights and understanding from blockchain information.

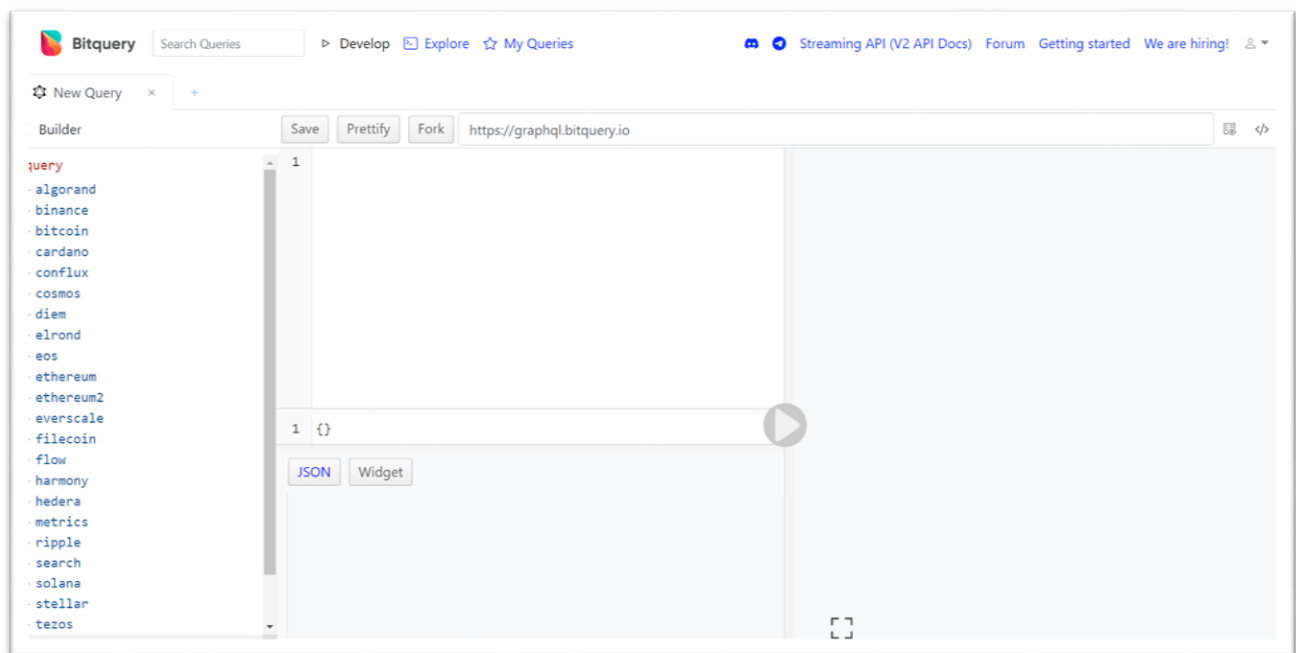
[Uniswap](#) is the largest decentralized exchange (or DEX) operating on the Ethereum blockchain.

[Ethereum blockchain](#) can be accessed in the [Bitquery Explorer](#) to be incorporated in research, development, and analysis, and by users anywhere in the world to trade crypto without an intermediary. Unlike traditional exchanges, decentralized exchanges are unique because they allow users to swap tokens without third parties facilitating the transaction or taking control of funds.

To get started, please refer to the [Quick Start guide](#).

1. Get live data in [Bitquery IDE \(Ethereum API\)](#) by creating queries.
2. Integrate both queries and subscriptions in an application on any programming language and framework. First, create a query or subscription in the [IDE](#), and then embed this query and some client code in the application.
3. Refer to the [FAQ](#) page for more clarity.

Please refer to these snapshots below:



[Bitquery API IDE](#)

Bitquery Search Queries Develop Explore My Queries Streaming API (V2 API Docs) Forum Getting started We are hiring!

New Query

Builder Save Prettify Fork Copy query URL https://graphql.bitquery.io Points consumed: 1.33 Download from Cloud

1 query (\$network: EthereumNetwork!, \$limit: Int!, \$offset: Int!) {  
2 ethereum(network: \$network) {  
3 blocks(  
4 options: {desc: "height", limit: \$limit, offset: \$offset},  
5 time: {since: \$from, till: \$till}  
6 ) {  
7 timestamp {  
8 time(format: "%Y-%m-%d %H:%M:%S")  
9 }  
10 height  
11 transactionCount  
12 address: miner {  
13 }  
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JSON Widget

275ms

```
{
  "ethereum": {
    "blocks": [
      {
        "timestamp": {
          "time": "2024-01-07 12:12:23"
        },
        "height": 18955126,
        "transactionCount": 92,
        "address": {
          "address": "0x1f9090aee28b8a3dcead7281b0f12828e676c326",
          "annotation": null
        },
        "reward": 0.01550624402432301,
        "reward_usd": 0,
        "rewardCurrency": {
          "symbol": "ETH"
        }
      },
      {
        "timestamp": {
          "time": "2024-01-07 12:12:11"
        },
        "height": 18955125,
        "transactionCount": 92,
        "address": {
          "address": "0x1f9090aee28b8a3dcead7281b0f12828e676c326",
          "annotation": null
        },
        "reward": 0.01550624402432301,
        "reward_usd": 0,
        "rewardCurrency": {
          "symbol": "ETH"
        }
      }
    ]
  }
}
```

## Ethereum Blockchain API