

Quickstart

Dive into Dune in five minutes

Convert data into knowledge!

Welcome to Dune

Ready to transform blockchain data into actionable insights?

This guide will fast-track your understanding of how to query, visualize, and share insights using Dune. Let's dive in!

Dune offers many features, but this guide focuses on the essentials you'll need to get started. For more detailed guides, check out our [Analytics Guidelines](#) and [Data Tables](#) sections.

Prerequisites:

- Dune Account:
 - You'll need a Dune account to follow along. If you don't already have one [sign up here](#)
 - .
- Basic Knowledge:
 - Gain a basic understanding of SQL and blockchain concepts to enhance your Dune experience.

Query blockchain data

Begin by constructing the SQL queries you need using Dune's Query Editor, a powerful tool for writing and executing SQL. Check out our detailed guide on [writing queries](#).

1. Create a new query

- Open the Query Editor in the Dune interface.
- Here's an embedded demo to help you get started:

1. Write SQL

2. Analyze daily activity on Ethereum by entering the following SQL:

Copy --Query to get Ethereum's unique daily active users and passive users in 2023
SELECT --truncate time to day
date_trunc('day', block_time) AS time, -- count distinct addresses that sent a transactions
COUNT (distinct "from") AS users, -- count distinct addresses that received a transaction
COUNT (distinct "to") AS receiving_addresses
FROM ethereum.transactions
WHERE block_time > DATE '2023-01-01'
GROUP BY time * [Run this query now.](#)

1. Run and save your query

Make sure your work is not lost.

- After crafting your query, run it to verify it executes correctly.
- Click the "Save"
- button at the upper right part of the screen. This saves your query, allowing you to monitor the data continuously.

Create a visualization

After executing a query, the results are displayed in a table below the Query Editor. The next step is to transform these raw

data into a more digestible format through visualization.

1. Create a New Visualization
2. Click on "New Visualization"
3. , select your desired chart type, and click "Add Visualization."

1. Set data sources
2. Choose the appropriate fields for the x and y axes to shape how your data will be displayed.

1. Customize the visualization settings
2. Adjust the settings to suit your visualization needs, such as formatting axis labels and tick marks to enhance readability.

In the example below, we'll create a line chart to visualize the number of unique daily active users and passive users on Ethereum in 2023. We'll format the axis label and tick label to 0a to make the numbers more user-friendly.

Learn more

For more detailed guidance on visual data representation, explore our resources:

- [How to create a visualization](#)
- [Formatting tables](#)
- [Formatting graphs & charts](#)
- [Using counters](#)

Present your data

Easily share your insights by creating and customizing a dashboard on Dune. Follow these steps to get started:

1. Create & name a new dashboard

- Navigate to the Create
- menu and select "New Dashboard"
- Enter a name for your dashboard. This name will also become part of the dashboard's URL slug, which cannot be changed later.
- Choose wisely!

2. Save and Open

- Click on "Save and Open"
- to activate your dashboard and move to the editing interface.

3. Edit dashboard & add widgets

- Click the "Edit"
- button in the top right corner to enter edit mode.
- Click on "Add Widget"
- in the top right corner.

1. Adjust widget layout
2. Resize:
3. Drag the bottom right corner of the widget to adjust its size.
4. Move:
5. Drag the widget to your desired location on the dashboard.

1. Finalize & save your work
2. Once your widgets are positioned and customized to your satisfaction, click the “Save”
3. button in the top right corner to save your changes.

For detailed instructions on dashboard creation, widget customization, and advanced settings, refer to our comprehensive guide on [Creating Dashboards](#).

Recap

Congratulations, you’ve just queried blockchain data, created a visualization, and presented your data on Dune!

Now, you can share your dashboard with the world. Learn more about sharing your content effectively in our guide [on how to share Dune content](#).

Next steps

Enhance your Dune skills and community engagement with these resources:

- [Dune Official Getting Started Video Series](#)
- ::
- Learn how the data flows and how to navigate the Dune app to create queries, visualizations, and dashboards.
- [All Ethereum and SQL Basics](#)
- :
- Learn all the basic SQL concepts and Ethereum tables that you’ll need in your analysis.
- Pure SQL Practice:
- Sharpen your skills with the “easy” problems [on hackerrank](#)
- .
- Join the community
- : Connect and learn [in our Discord community](#)
- in the# | beginners
- and# | query-questions
- channels.

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