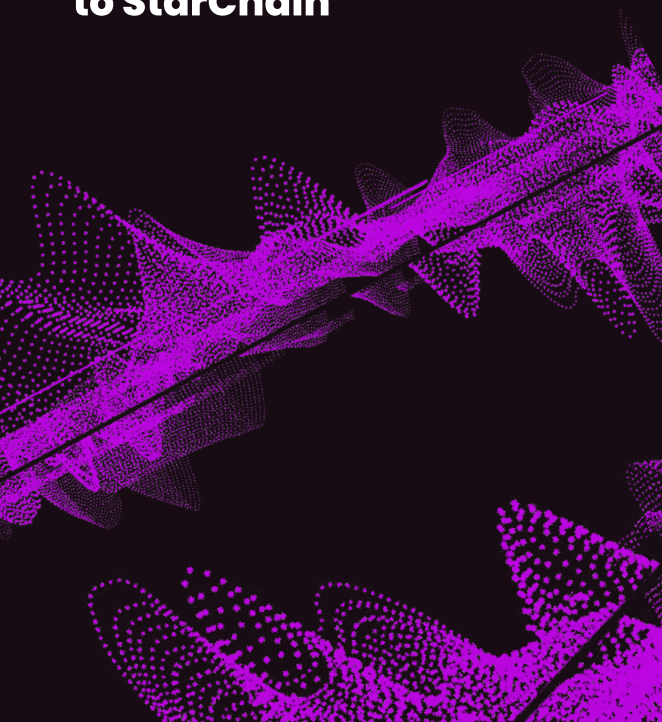


An Introduction to StarChain



LESS RESTRICTIONS MORE TRUTH

Understanding the vastness of our cosmos has been one of humanity's challenges since the very beginning of our civilization. Sadly our comprehension of the universe is often confined by the limitations of current astronomical research and controlled by a select few institutions, with access to advanced tools and gigantic amounts of proprietary data.

The beauty and mysteries of the universe remain invisible to the general public, with knowledge gated by financial and technological barriers. StarChain envisions a universe where astronomical research is accessible for everyone, by democratizing astronomical data through decentralized technologies.

We aim to empower researchers worldwide by leveraging blockchain and AI technologies to build open data repositories and discover AI models. Breaking down the walls that have long kept cosmic science exclusive and ensuring that the future of space research is shaped by the many, not the few.

WE PRESENT

THE STARCHAIN ECOSYSTEM

StarChain serves three distinct purposes: automating astronomical research using AI, democratizing cosmic data and rewarding contributions to the ecosystem.



StarChain AI

StarChain AI is an astronomical discovery tool which harnesses the power of artificial intelligence to sift through vast datasets, identifying celestial anomalies that escape traditional analysis.



DataStore

StarChain DataStore is a decentralized astronomical data repository created to democratize the data needed for research. It does this by aggregating astronomical data into a single source of truth.



Token Rewards

Incentivizing contributions to the StarChain ecosystem is essential for it to thrive. Accordingly StarChain Tokens will be awarded to all contributors who provide verifiable data.

DISCOVERING THE COSMOS

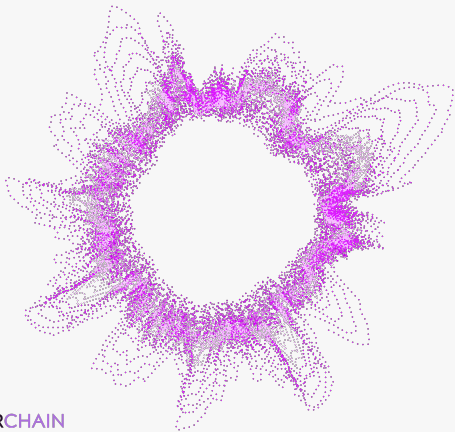
STARCHAIN AI

Accelerating astronomical research requires more efficient ways of interpreting astronomical data. StarChain AI embodies a revolutionary approach to this problem.

It employs state-of-the-art artificial intelligence to dive deep into the depths of astronomical records,

uncovering hidden patterns and subtle discrepancies that often escape the grasp of conventional methodologies.

StarChain AI publishes these discoveries directly to the StarChain DataStore, making them accessible to everyone.



MAPPING THE UNIVERSE

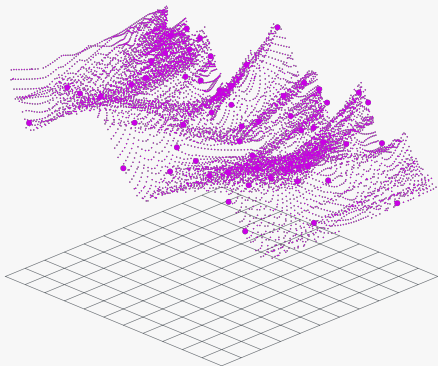
STARCHAIN DATASTORE

As of now, astronomical data is spread across hundreds of institution owned data repositories, which are mostly proprietary and completely inaccessible to most researchers.

StarChain DataStore is here to change that by aggregating all astronomical data on the blockchain,

making it free and accessible to everyone. DataStore is highly scalable and can process millions of data points an hour.

StarChain DataStore is still in early beta and expected to fully launch in Q3 2024.



INCENTIVIZING CONTRIBUTIONS

STARCHAIN TOKEN

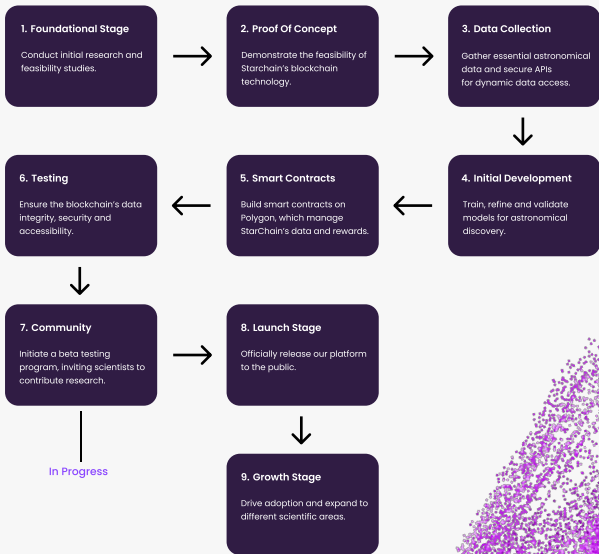
StarChain Token or STRC is the reserve currency of StarChain. It's used to reward contributions to the ecosystem, incentivizing researchers and institutions to actively support the project.

The large majority of STRC is locked as of now. Each month a small portion of STRC tokens is unlocked and distributed to token holders and data contributors.

Over the next 10 years, token holder distributions will be decreased by 10% every year, until they arrive at zero in 2034. Rewards for data contributions will increase proportionally.

OUR PLANS

ROADMAP



OpenResearch Foundation

The OpenResearch Foundation is a new DAO focused on decentralizing and democratizing science using blockchain technologies. It acts as the primary driving force behind all StarChain products.

The future of the foundation

Open Research Foundation supports the development and deployment of projects aligned with its mission in the following ways:

- Training Data Procurement
- Developing scalable, sharded L2 solutions
- Blockchain & AI Consulting
- VC Introductions

If you want to learn more about what we can offer, contact us at openresearch@starchain.dev

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