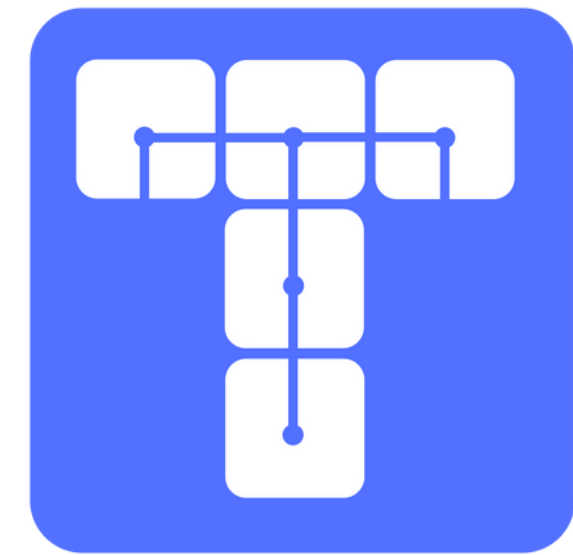


REVOLUTIONIZING THE 'OPEN DATA ECONOMY'

Tokenized Open Data on The Blockchain

→ Data Through Cloud Computing on Blockchain.





Overview

Tilebase is a decentralized data marketplace & exchange for **datasets, algorithms, & API's**; aiming to revolutionize the emerging 'Open Data Economy' & machine learning ecosystem, through a **tokenized & cloud computable** access control layer on the blockchain.

Market Validation



Statista.com

74 zettabytes

**of data
created in 2021.**

(zettabyte= 1 trillion gigabytes.)

Digitalreality.com

↑61%

**annual growth rate of
data until 2025.**

(AI, advanced robotics and 5G.)

Market Size



\$13 Trillion in New Data Economic Activity led by AI/ ML by 2030.

-Mckinsey & Company



\$631 billion Data Economy by 2025.

-DataLandscape



The big data market was worth \$138.9 billion in 2020.

-Precisely

Problem



1. Data is Centralized and siloed in closed off databases & there isn't a concrete, secure way to share this data without losing privacy.

2. Pricing of Data. What is the demand & value of private data in the market?

3. Security of Data due to centralized attack risk & vulnerabilities (hacks) when transferred between servers.

4. Data Integration is currently difficult with smart contracts & blockchain.

Solution



- **Unlock** value from data assets on the blockchain
- **Increase** adoption of new and emerging ecosystems around datasets.
- **Reach** beyond current business models & earn additional value from your data.



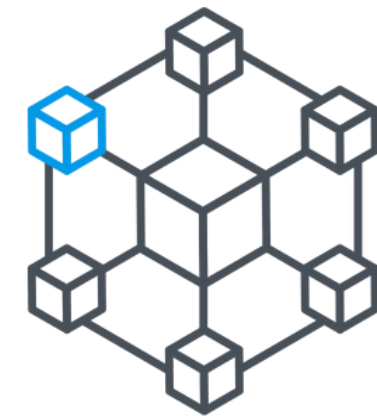
**SHARING OF
DATA THROUGH
CLOUD
GATEWAY &
COMPUTING**



**PRICE DISCOVERY
AND DEMAND
OF DATA IN AN
'OPEN
MARKETPLACE**



**DATA IS
IMMUTABLE,
PRIVATE, &
SECURE**



**TRANSPARANCY
OF DATA ON
BLOCKCHAIN**

Target Customers



For our protocol to reach its full potential, it will need hundreds, if not thousands data providers to integrate their data onto the blockchain.

AI/ Machine Learning

**Healthcare/
Clinical Trials**



**Smart City/
Autonomous Driving**



Defi/ Open Banking



**Cleantech/
Environmental**



Insuretech



Our Services



1. Data Hosting on Blockchain:

- Cloud Gateway
- Data Modeling
- Smart Contracts



2. Decentralized Data Marketplace:

- Monetize
- Access
- Control



3. Analytics Services:

- Insights
- Usage



4. Consultancy Services:

- Integration
- On-boarding

Business Model



B2C



**1. Marketplace
Transaction Fees:**
We take a
transaction fee (٪)
in the marketplace.

Subscription



**2. Subscription
Packages:**
We have tiered
packages that include:

1. Analytics
2. Data Modeling
3. Data Calls (#)

B2B



**3. Consultancy
Service:**
We charge according
to the the enterprise
level solution that is
required.

Access Control – Datatokens

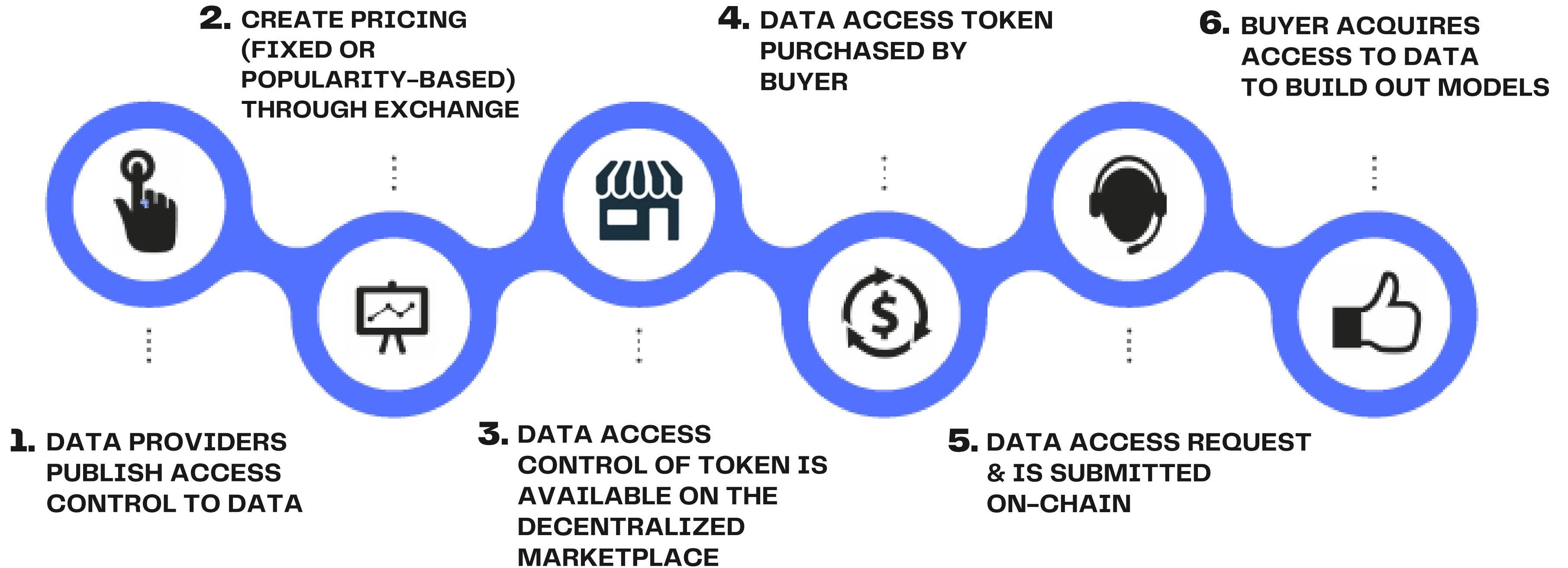


Data permissions & licenses are **tokenized** using **smart contracts** on the blockchain, making it easy to **publish** and **consume** the access to data services on a decentralized Marketplace to be **bought** and **sold**.

The data itself does not need to be on-chain, just the **access control**.

Data providers choose the amount of access to their data sets that are available in the 'open' market, which in turn determines the price and validation of data through **supply** and **demand**.

How Does It Work?



Product



Access Control → Data Marketplace → Developer Portal

The image displays four overlapping screenshots of the product interface:

- Access Control:** A form for publishing data to Polygon. It includes fields for Title, Description, Banner Image (with an IRIS logo), Website, and Endpoint. A progress bar at the top shows 'Access' as the current step.
- The Marketplace:** A grid of data products. The top section, 'Highest Liquidity', features 'Iris Flower Smart City Data', 'Orbis Streaming Data', and 'Databricks Tracking Data'. The bottom section, 'Algorithms', features 'Finastra Premium Financial Data', 'Blender Streaming Data', and 'PaperWork Premium Tracking Data'. Each product card shows details like TVL, swap fee, and 'Stake', 'Unstake', 'Claim', and 'Consume' buttons.
- Organization Dashboard:** A dashboard for 'Iris Innovation' showing metrics for 'Liquidity in Own Assets', 'Total Liquidity', and 'Sales'. It also lists 'Published' data sets and algorithms.
- Data Pipeline:** A workflow editor for 'CreditScoring' showing a sequence of operators: 'Summary Statistics', 'Random Sampling', 'Train', 'Alpha Forest Classifier', 'Predictor', 'Confusion Matrix', 'Alpha Forest Evaluator', and 'Export to CSV (JSON)'.

Marketplace



Marketplace Publish Developer Portal

Search...



Polygon

0x30A...FD06



DATA SETS

ALGORITHMS

DOWNLOAD

COMPUTE

Categories

- Data
- Sports
- Finance
- Healthcare
- Weather
- Entertainment
- Location
- Science
- Transportation
- Music
- Business
- Visual Recognition
- Tools
- Text Analysis
- Payments

The Marketplace

Highest Liquidity

dAPIs curated by Liquidity Providers and recommended based on functionality offered, reliability, and support.

IRIS | Innervision

Iris Flower Smart City Data
DATA SET

Lorem ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on...

100 pool shares 350 TILE
TVL= \$336.58 11.538 IRIS-27
0.1 % swap fee

You Staked 0.000000
Unclaimed Rewards 0.000000

Stake Unstake Claim

Consume

orbis

Orbis Streaming Data
DATA SET

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Consume

databricks

Databricks Tracking Data
DATA SET

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Stake Unstake Claim

Consume

Opsgenie

Opsgenie Census Data
DATA SET

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Consume

Algorithms

Competitive Advantage



**ACCESS
CONTROL
OF DATA**

**PRICE
DISCOVERY
AND
VALIDATE**

**CLOUD
COMPUTE
OR
DOWNLOAD**

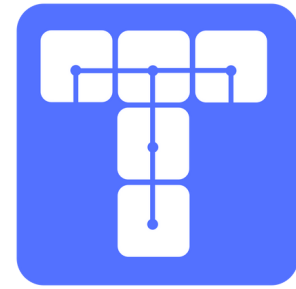
**DATA
MODELING**

**ANALYTIC
REPORTING**

**TRANSPARENCY
OF DATA**

**SMART
CONTRACT
COMPATIBLE**

**DATA IS
IMMUTABLE**



Tilebase

**Tokenized Open Data
on The Blockchain**

www.tilebase.xyz

to access whitepaper