#### **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.

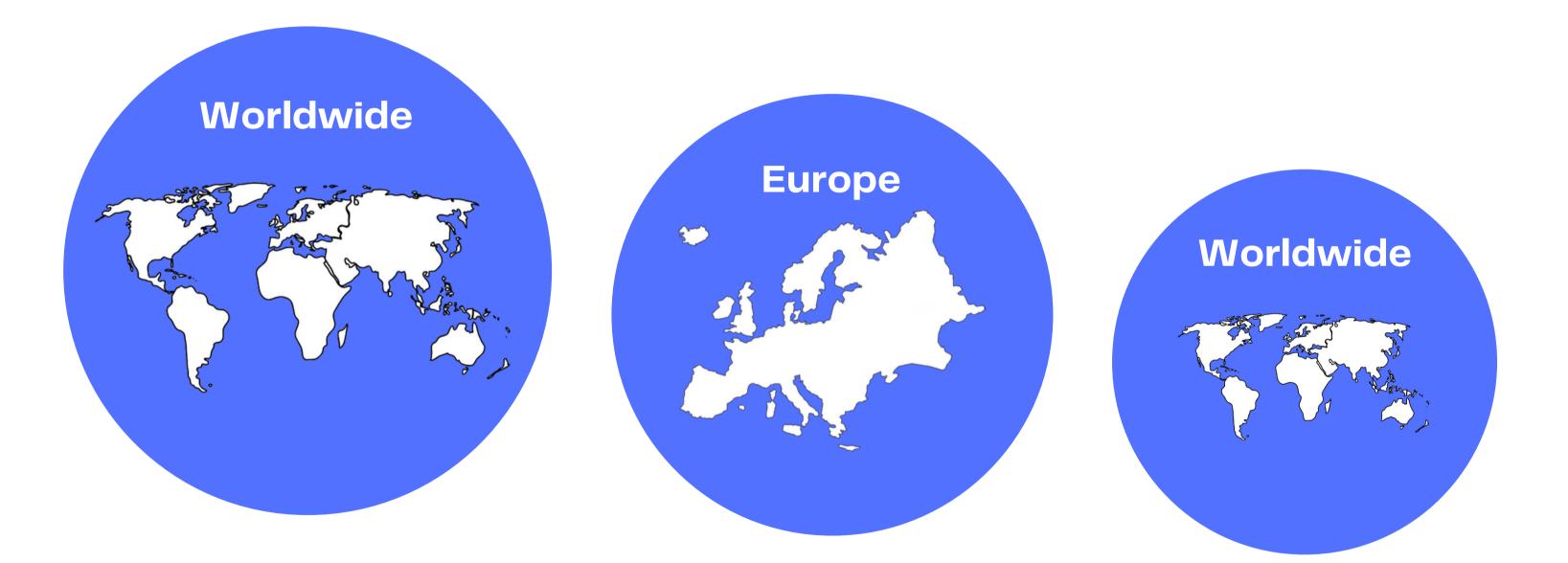
(zettabyte= 1 trillion gigabytes.)

# Digitalrealty.com

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

(Al, 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.

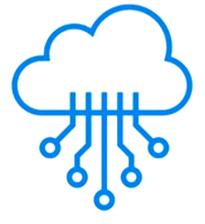
**2.** Pricing of Data. What is the <u>demand</u> & <u>value</u> of private data in the market?

**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.



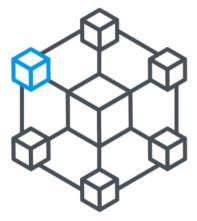


**SHARING OF DATA THROUGH** CLOUD **GATEWAY** & COMPUTING

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

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

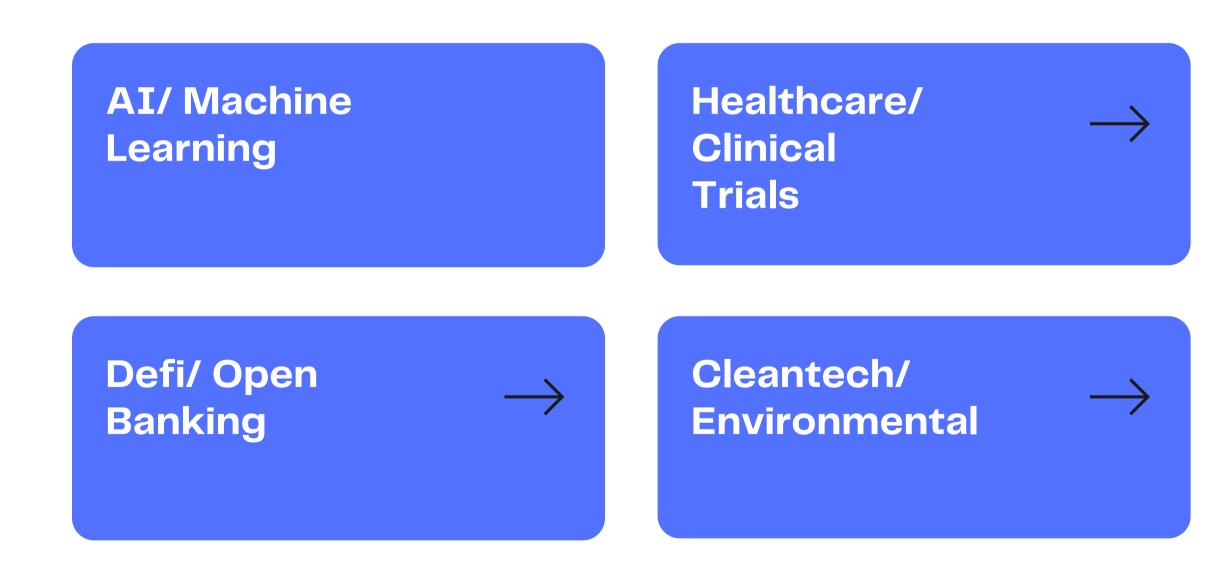




TRANSPARANCY **OF DATA ON** BLOCKCHAIN

# **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.







#### Insuretech

### **Our Services**



1. Data Hosting on	2. Decentralized Data	3. Anal
Blockchain:	Marketplace:	Servic
-Cloud Gateway	-Monetize	-Tnsia

-Data Modeling -Access -Control -Smart Contracts

- Insights
- -Usage







lytics ces:

#### 4. Consultancy **Services:**

-Integration -On-boarding

### **Business Model**





#### **Subscription**



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

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

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







3. Consultancy Service:

We charge according to the the enterprise level solution that is required.

## **Access Control – Datatokens**



SMART CONTRACT



SMART CONTRACT

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**.

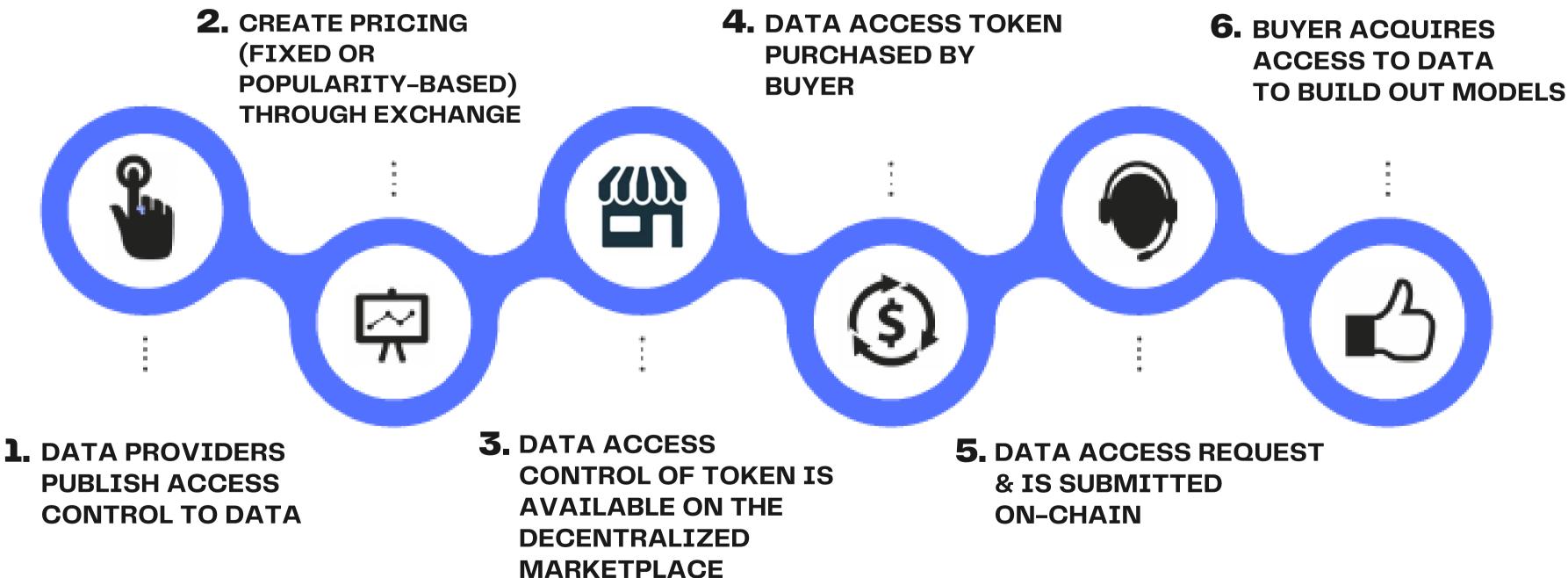
Data providers choose the amount of access to their data sets that are available in the 'open' market, which in turn determines the price and validation of data through **supply** and demand.





0x30AFa34a60f...

# **How Does It Work?**



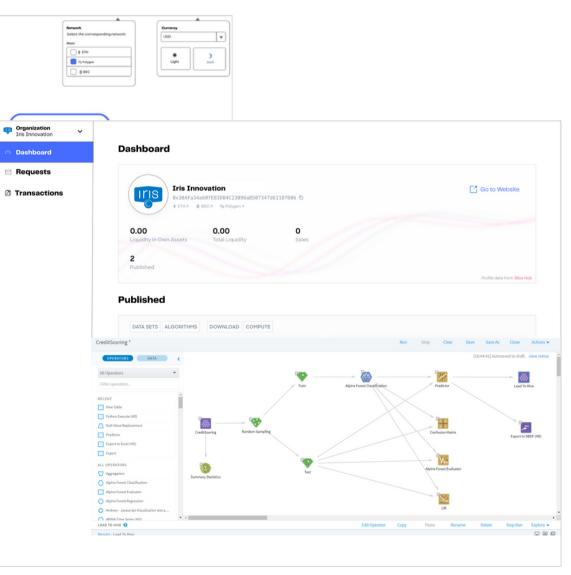
### Product



Access	Pricing	Publish				
	0					
Access Control	Host Airnode Gateway					
Access Control						
	of your data set or algorithms on				DATA SETS ALGORITHIMS	DOWNLOAD
how it can be used and con	, ,		The M	larketplace		
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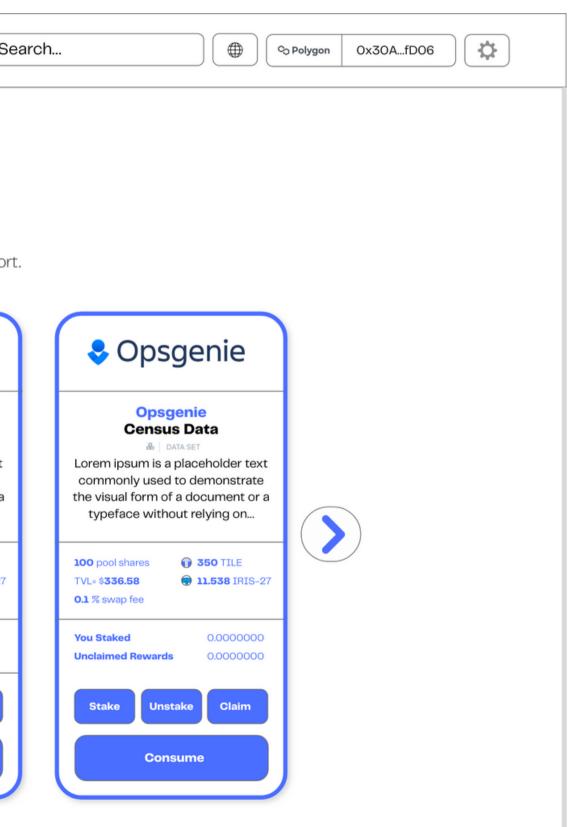
#### Access Control — Data Marketplace — Developer Portal



# Marketplace

Tilebase	Marketp	olace Publish Developer P	ortal	Se
			DATA SETS ALGORITHIMS	DOWNLOAD COMPUTE
Categories	Th	e Marketplace		
Data	High	- nest Liquidity		
Sports	-		and recommanded based on functions	ality offered reliability and curper
Finance	UAFI	is curated by Liquidity Providers a	and recommended based on functiona	ancy offered, reliability, and suppor
Healthcare				
Weather		IRIS Innervision	orbis	
Entertainment				databricks
Location		Iris Flower	Orbis	Databricks
Science		Smart City Data	Streaming Data	Tracking Data
Transportation		Lorem ipsum is a placeholder text commonly used to demonstrate	Lorem ipsum is a placeholder text commonly used to demonstrate	Lorem ipsum is a placeholder text commonly used to demonstrate
Music		the visual form of a document or a typeface without relying on	the visual form of a document or a typeface without relying on	the visual form of a document or a typeface without relying on
Business	$(\checkmark)$			
Visual Recognition		100 pool shares         350 TILE           TVL= \$336.58         11.538 IRIS-27	100 pool shares         100 350 TILE           TVL= \$336.58         11.538 IRIS-27	100 pool shares         750 TILE           TVL= \$336.58         11.538 IRIS-27
Tools		<b>0.1</b> % swap fee	<b>0.1</b> % swap fee	0.1 % swap fee
Text Analysis		You Staked         0.0000000           Unclaimed Rewards         0.0000000	You Staked0.0000000Unclaimed Rewards0.0000000	You Staked         0.0000000           Unclaimed Rewards         0.0000000
Payments				
		Stake Unstake Claim	Stake Unstake Claim	Stake Unstake Claim
		Consume	Consume	Consume

Algorithims



## **Competitive Advantage**





CLOUD COMPUTE OR DOWNLOAD

#### DATA MODELING

**SMART** CONTRACT COMPATIBLE

**DATA IS** IMMUTABLE

# **Tilebase**

### **Tokenized Open Data** on The Blockchain

www.tilebase.xyz to access whitepaper

