

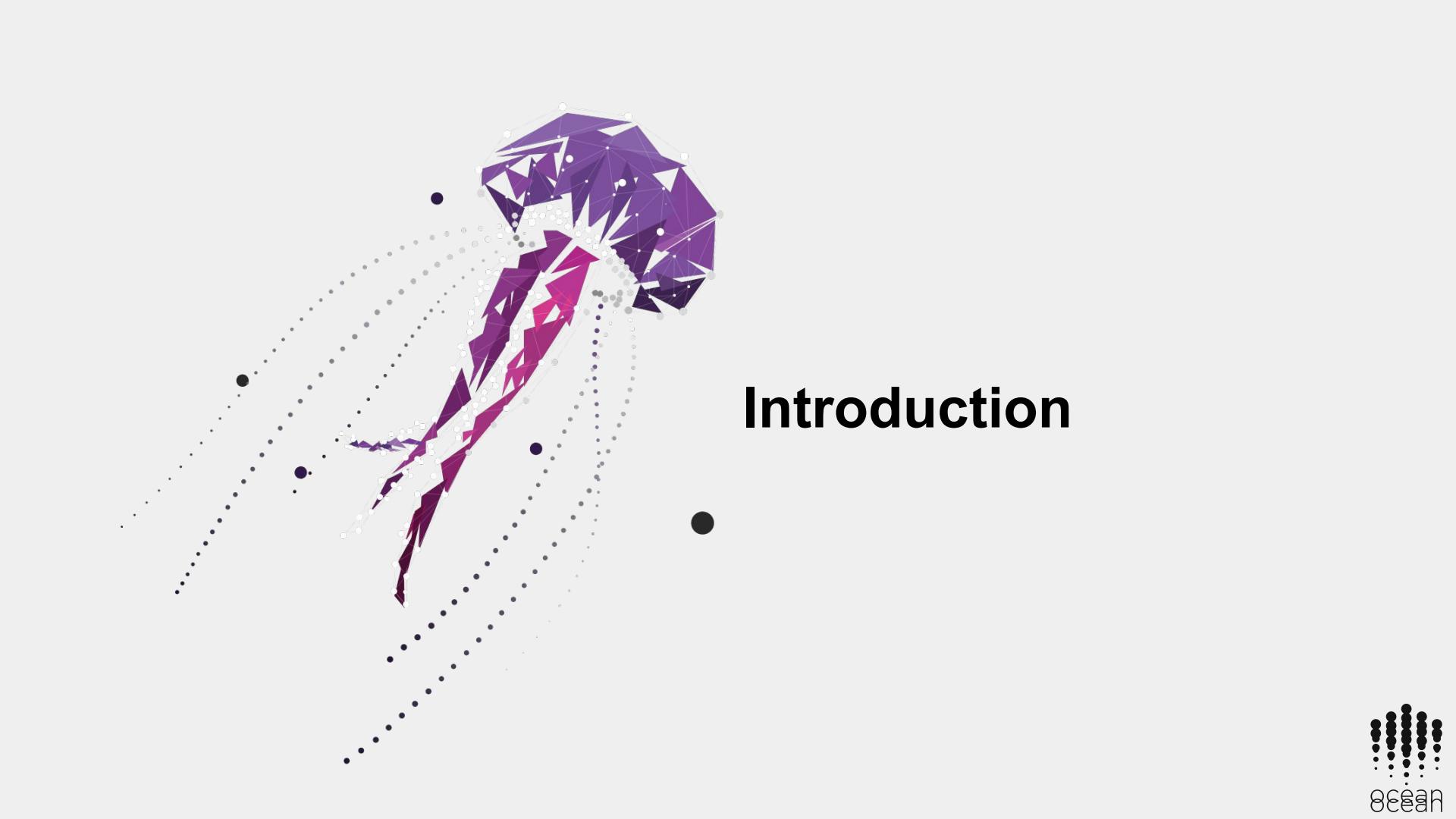
Decentralized Data Markets With Ocean & Filecoin

Trent McConaghy



Slides: trent.st/content/filecoin2020.pdf

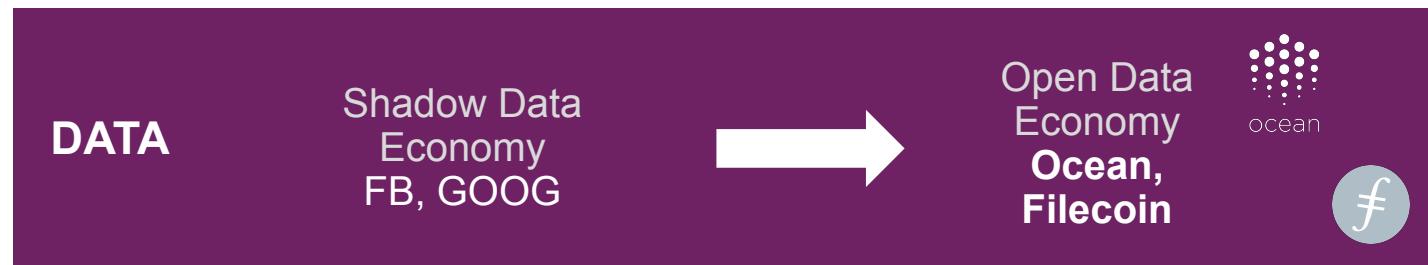
oceanprotocol.com
[@trentmc0](https://twitter.com/trentmc0)

The background features a complex, abstract geometric pattern. It includes several large, jagged, purple-colored fractal-like shapes that resemble shards of broken glass or crystalline structures. These shapes are set against a light gray background that is dotted with numerous small, semi-transparent gray circles of varying sizes, creating a sense of depth and motion. The overall aesthetic is modern and scientific.

Introduction

Ocean Mission: open up data, while maintaining privacy

Towards self-sovereign data for individuals and groups.



*Data is a \$400B industry
in Europe alone*

*How: Leverage
tools of crypto*



What is Ocean?

Ocean is...

1. **A community / ecosystem** of individuals and orgs driving to the mission (initiated by Ocean Protocol Foundation)
2. **A set of tools** as public infrastructure to facilitate the mission
3. **A token** (OCEAN) with incentives to grow & sustain the ecosystem



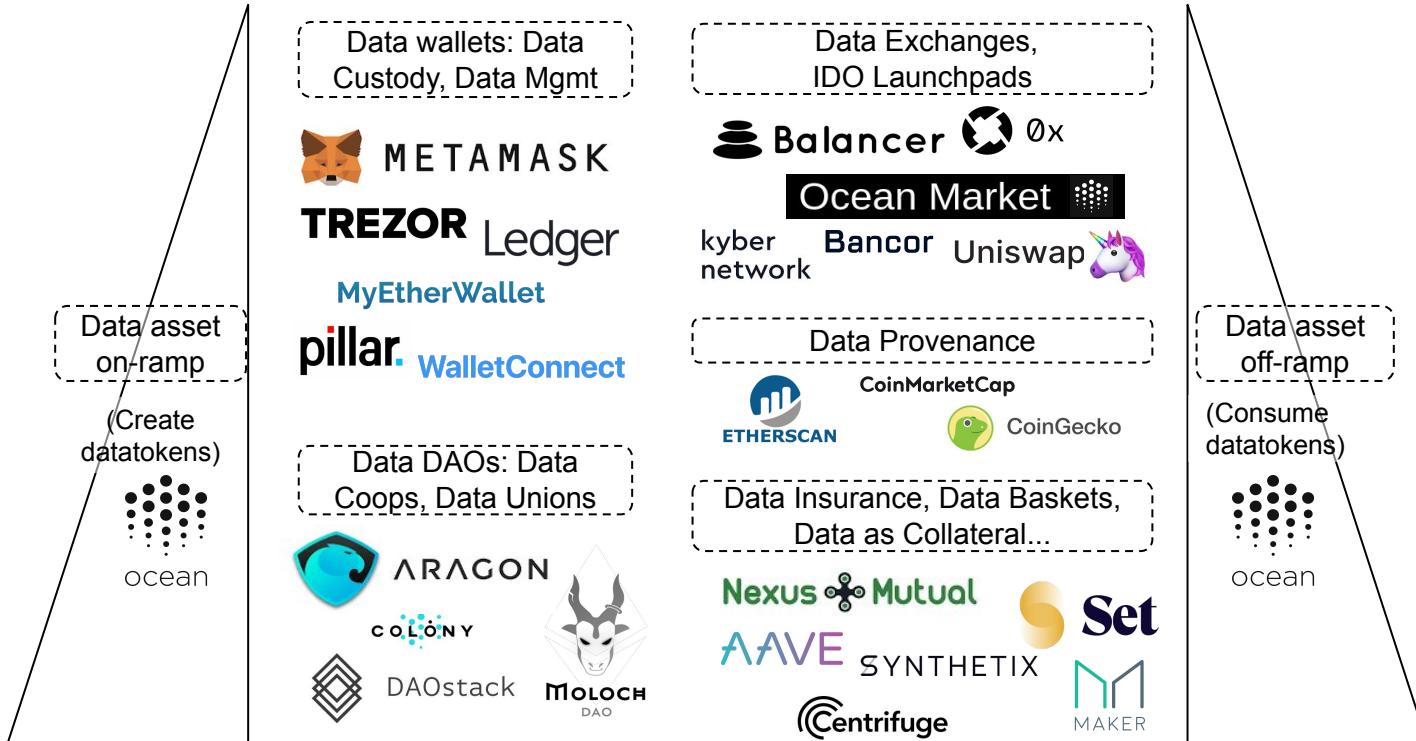
Ocean Tools: How

- **Datatokens** - tokenized access control
- **Ocean Market** - a data exchange webapp
- **Deployed to Ethereum mainnet**
- **Privacy-preserving** - via Compute-to-Data



Ocean Datatokens

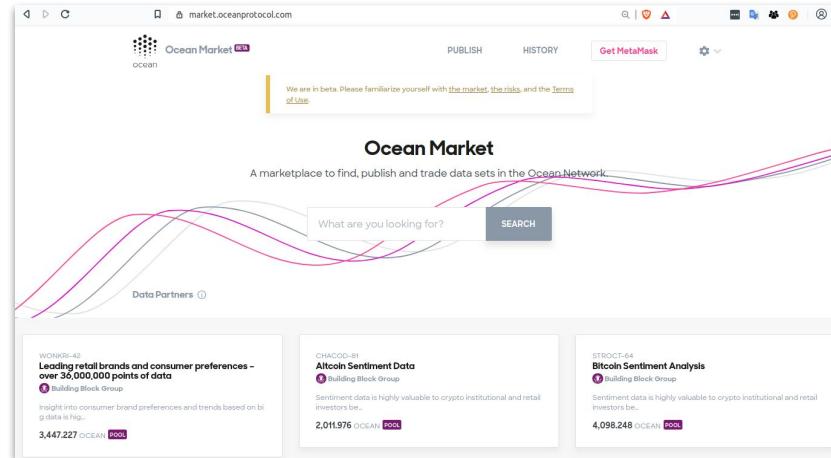
Ocean makes it easy to publish data services (deploy and mint ERC20 datatokens), and to consume data services (spend datatokens). Crypto wallets, exchanges, and DAOs become *data wallets*, *exchanges*, and *DAOs*.



Ocean Market

market.oceanprotocol.com

- It's a decentralized exchange (DEX), tuned for data.
- Webapp + datatokens + AMMs (Balancer)
- Actions:
 - publish data
 - buy & sell data
 - consume data
 - stake on data (curate)



Apps layer

Datatokens & access control tools

Ocean Market, 3rd Party markets

- Publish, mint, consume datatoken

Market tools

- Fixed price
- Auto price: deploy pool, stake, swap

Metadata tools

- Browse, search, filter

Third-party ERC20 apps & tools

Metamask, Trezor, ..

<many apps>

Libraries / middleware

ocean.js, ocean.py, React hooks

- Publish, mint, consume datatoken

- Fixed price
- Auto price: deploy pool, stake, swap

Ocean Aquarius

- Search, filter

TheGraph

- Stats for Ocean Market

Ocean Provider

- Support “consume”:
download, compute-to-data, ..

Smart contracts

Ocean Datatoken Factory

X20
datatoken
Y20
datatoken

Balancer
Pool
Factory

X20-OCEAN
pool
Y20-OCEAN
pool

On-chain
metadata store





Ocean Market

Ocean Market: Splash Page

The screenshot shows the splash page of the Ocean Market (BETA) at market.oceanprotocol.com. The page features a search bar with placeholder text "What are you looking for?" and a "SEARCH" button. Below the search bar, there are three cards displaying data sets:

- WONKRI-42**
Leading retail brands and consumer preferences - over 36,000,000 points of data
Building Block Group
Sentiment data is highly valuable to crypto institutional and retail investors be...
3,447.227 OCEAN POOL
- CHACOD-81**
Altcoin Sentiment Data
Building Block Group
Sentiment data is highly valuable to crypto institutional and retail investors be...
2,011.976 OCEAN POOL
- STROCT-64**
Bitcoin Sentiment Analysis
Building Block Group
Sentiment data is highly valuable to crypto institutional and retail investors be...
4,098.248 OCEAN POOL

Ocean Market: Publish Flow, for an Initial Data Offering

The screenshot shows the first step of the publish flow, titled "Publish". It includes fields for "Title*", "Description*", "File*", "Sample file", and "Access Type*". A note at the top right says "PUBLISH". A yellow sidebar on the left provides beta status information.

PUBLISH

Publish

Highlight the important features of your data set to make it more discoverable and catch the interest of data consumers.

Given the beta status, publishing on Rinkeby first is strongly recommended. Please familiarize yourself with [the market](#), [the risks](#), and the [Terms of Use](#).

Title*
e.g. Shapes of Desert Plants

Enter a concise title.

Description*
Add a thorough description with as much detail as possible. You can use [Markdown](#).

File*
e.g. <https://file.com/file.json>

Please provide a URL to your data set file. This URL will be stored encrypted after publishing.

Sample file
e.g. <https://file.com/samplefile.json>

Please provide a URL to a sample of your data set file. This file should reveal the data structure of your data set, e.g. by including the header and one line of a CSV file. This file URL will be publicly available after publishing.

Access Type*

The screenshot shows the continuation of the publish flow, including "Access Type", "Datatoken Name & Symbol", "Author", "Tags", and "Terms & Conditions". A note at the top right says "PUBLISH". A yellow sidebar on the left provides beta status information.

Please provide a URL to a sample of your data set file. This file should reveal the data structure of your data set, e.g. by including the header and one line of a CSV file. This file URL will be publicly available after publishing.

Access Type*

Choose how you want your files to be accessible for the specified price.

Datatoken Name & Symbol*
- C
The datatoken for this data set will be created with this name & symbol.

Author*
e.g. Jelly McJellyfish
Give proper attribution for your data set.

Tags
e.g. logistics, ai
Separate tags with comma.

Terms & Conditions*
Ocean Marketplace Terms and Conditions (this "Agreement") is made and entered into by and between Ocean Protocol Foundation Ltd., with office at The Commerze @ Irving, 1 Irving Place, #08-11, Singapore, 369546 Singapore ("Ocean") and the legal entity set forth in the Account Information ("Customer"). It governs Customer's access to and use of the Ocean Marketplace (as defined below) and takes effect on the date of its acceptance by Customer (the "Effective Date"). Customer represents being lawfully able to enter into contracts and having legal authority to bind Customer's entity.

DEFINITIONS
"Service*** means all websites, software and services offered and operated by

I agree to these Terms and Conditions

SUBMIT **RESET FORM**

Example Data Asset: Fixed Pricing (eBay data)

The screenshot shows the Ocean Market interface with a data asset listed. The top navigation bar includes 'PUBLISH', 'HISTORY', 'Get MetaMask', and a settings icon. The main title is 'eBay DATASET - 10 Million Data Points (1,000,000 Product Listings)'. The left panel, titled 'Data Reservoir', displays the dataset details: 'Exceptional Whale Token – EXCWHA-70' published by '0x98EA_16E4' (Etherscan). It features the 'DATA RESERVOIR' logo and a brief description: 'This dataset has a massive total of over 10 million data points from over 1,000,000 product listings on eBay using the electronics category. This dataset is from the first week of November 2020.' A note indicates it is 'Updated monthly'. The right panel shows the 'USE' tab selected, displaying a summary: '2,639.166 OCEAN POOL' (worth '€1,211.94'). A 'BUY' button is present. A note states: 'For using this data set, you will buy 1 EXCWHA-70 and immediately spend it back to the publisher and pool.' A red warning box at the bottom says 'No account connected' and 'Please connect your Web3 wallet.' The Ocean logo is in the bottom right corner.

Ocean Market BETA

PUBLISH HISTORY Get MetaMask

eBay DATASET - 10 Million Data Points
(1,000,000 Product Listings)

Data Reservoir

Exceptional Whale Token – EXCWHA-70 ↗
Published by 0x98EA_16E4 — Etherscan

DATA RESERVOIR

This dataset has a massive total of over 10 million data points from over 1,000,000 product listings on eBay using the electronics category. This dataset is from the first week of November 2020.

■ Updated monthly

What's included in the dataset?

The dataset is in xlsx format and each line shows 10 data points with the date & time scraped. The following is included in this dataset:

- *Seller name
- *Seller rating
- *Item category
- *Item ID

2,639.166 OCEAN POOL
≈ €1,211.94

html BUY

For using this data set, you will buy 1 EXCWHA-70 and immediately spend it back to the publisher and pool.

No account connected
Please connect your Web3 wallet.

ocean

Example Data Asset: Dynamic Pricing (Consumer Data Streams)

The screenshot shows the Ocean Market interface with the following details:

- Top Bar:** Ocean Market BETA, PUBLISH, HISTORY, Get MetaMask, Settings.
- Asset Title:** AtlantisStream.io - Realtime Consumer Data Streams
- Asset Description:** Atlantis Stream is a crowdsourced dataset of real-time consumer data streams.
- Notice (11/17/2020):** Atlantis Stream is currently pre-alpha, and will be migrating to compute-to-data when it becomes available. Stay up to date on any of our official channels below:

 - Website
 - Newsletter
 - Telegram
 - Twitter
 - Discord
 - Github

- How it works:** For business inquiries:
 - Contact [our founder](#)
 - Email us at team@atlantisstream.io
- Pricing and Purchase:** USE, POOL, TRADE buttons. Current price: 289.698 OCEAN POOL (€132.88). A BUY button is present. A note states: "For using this data set, you will buy 1 MERMAN-13 and immediately spend it back to the publisher and pool."
- User Status:** No account connected. Please connect your Web3 wallet.



Example Data Asset: A Data Union (Swash)

The screenshot shows the Ocean Market BETA interface. At the top, there's a navigation bar with the Ocean logo, "Ocean Market BETA", "PUBLISH", "HISTORY", a "Connect Wallet" button, and a settings icon.

Swash - Consumer Browsing Data

SwashData Tech Oy

Tasty Lobster Token – TASLOB-45 ↗
Published by  **SwashData Tech Oy** ↗ Home ↗ Twitter ↗ Etherscan ↗

Swash is creating the world's first **Data Union**. It crowdsources users' surfing data through a browser plugin (available on Chrome, Firefox, Brave, Edge, and more) and shares profits with users. This lets Swash provide data buyers with unrivaled zero-party consumer data at scale, from all over the web, guaranteeing data quality and user consent. The increasing number of users will grow the value of Swash data assets over time.

Use cases

Market intelligence, Consumer insights, E-commerce analytics, AI/ML, and Advertising optimisation

UPDATE: November 21th 2020:

- Number of data points: 800K (+100k since last update)
- Data Union members: 1600 (+100 since last update)
- Geo coverage: Worldwide

USE **POOL** **TRADE**

31,958.954 OCEAN POOL
= €14,448.80

BUY

For using this data set, you will buy 1 TASLOB-45 and immediately spend it back to the publisher and pool.

No account connected
Please connect your Web3 wallet.

Example Data Asset: Music Samples (from a Platinum-Selling Artist)

The screenshot displays the Ocean Market interface for a data asset titled "PVLACE 808 Mafia Melody Compositions / Samples".

Marketplace Header: Ocean Market BETA, PUBLISH, HISTORY, Get MetaMask, Settings.

Asset Title: PVLACE 808 Mafia Melody Compositions / Samples

Author: Denis Berger

Description: Irksome Cormorant Token – IRKCOR-52 ↗
Published by 0x65e0...87A0 – Etherscan ↗

Content Summary: You gain exclusive access to a weekly updated folder that already include 15 melody compositions by Multi-Platinum, Billboard #1, BMA & Grammy Nominated Music Producer PVLACE of 808 Mafia.

Credits: Productions Credits include following artists Migos, Future, Young Thug, Lil Baby, Rich The Kid and many more for full productions credits check following website: <https://genius.com/artists/Pvlace>

Updates: Updates will be made every Friday on 6PM UTC Time and will include 3 more melody compositions

Royalty: The melodies are royalty-free for everybody purchasing it and can be used for your own compositions. Melody are marked with the specific BPM

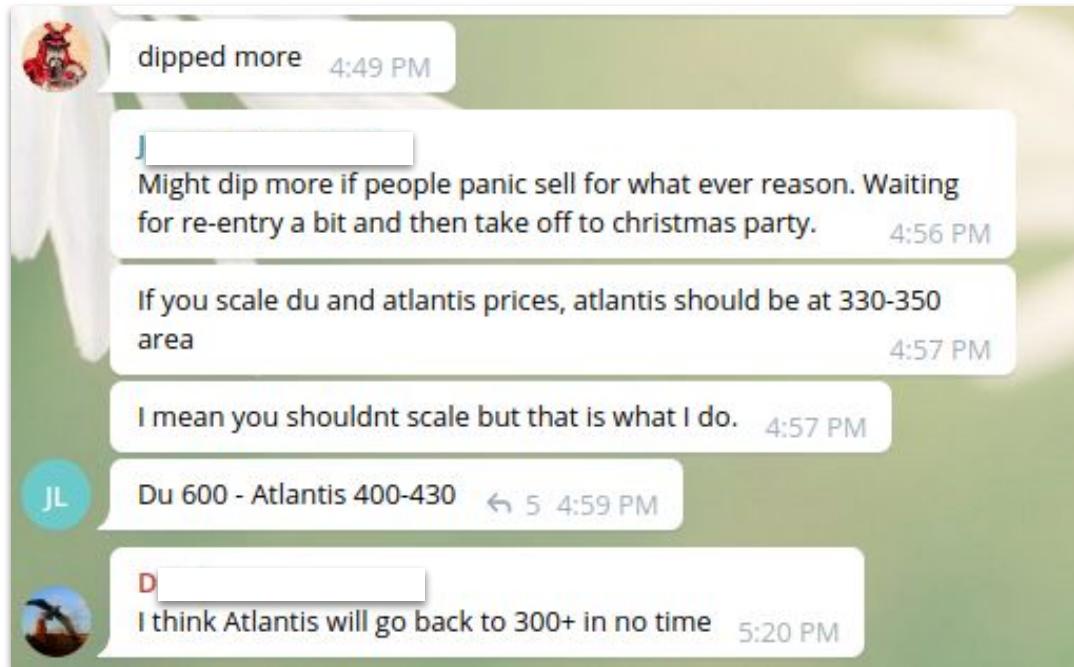
Verification: For verification of this market listing feel free to reach out on my verified social media profiles. <https://www.instagram.com/pvlace808mafia/> <https://twitter.com/pvlace808mafia>

Sample Data: DOWNLOAD SAMPLE

Tags: music, compositions, pvlace, 808-mafia, fl-studio, cubase, ableton, music-production

Buy Panel: USE, POOL, TRADE
html
733.634 OCEAN POOL
= € 337.18
BUY
For using this data set, you will buy 1 IRKCOR-52 and immediately spend it back to the publisher and pool.
No account connected
Please connect your Web3 wallet.

A Crypto Telegram Chat... For Data Assets



Ocean Market Data Indexes

Quality Metrics from the Community, Free & For Sale

Tokens: 524 OCEAN Price: \$0.42 OCEAN Market Cap: \$148,650,190.67 Tokens Volume (24h): \$49,836,028.19 (49,836,028.193 OCEAN) To

Data Market Cap

powered by 

Today's Token Prices by Market Cap

The global OCEAN market cap is \$30,449,817.34, a  9.8% change over the last day.

Name	Price	Market Cap	Volume (24h)	Circulating Supply	Tags
Intransigent Fugu Token INTFUG-26	\$9,998.00	\$9,998,000.00	\$9,998,000.00 1,000 INTFUG-26	1,000 INTFUG-26	location-data-uk-driving
Sclerotic Eel Token SCLEEL-38	\$3,115.00	\$3,115,000.00	\$0.00 0 SCLEEL-38		
Jocular Clam Token JOCLLA-51	\$2,100.00	\$2,100,000.00	\$0.00 0 JOCLLA-51		

rugpullindex.com

The first decentralized data set index in the world.

Last updated on 2020/12/11 (updated every day at midnight)

# (1d Δ)	Symbol	Score	Gini	Liquidity (OCEAN)	Price (OCEAN)	LP
1 ▲	QUICRA-0	16.60	0.93	554,838	498.85	LP
2 ▲	TREPTEL-36	5.73	0.70	44,219	91.03	LP
3 ▲	MERMAN-13	5.11	0.86	82,213	187.29	LP
4 ▲	TASLOB-45	3.01	0.88	57,053	33,500.49	LP
5 ▲	LUMSTA-42	2.13	0.97	150,159	33,270.58	LPs ⚡ Trade ⚡



Bridging.tech Datasets
@BDatasets

...

Check out this datatoken overview of our datapool:
Ocean Market  Pool trends and charts 

Price to buy increased to 29 \$ocean because in the last 2 days around 30 'WONPEL-82' were traded out (not bought).



ocean

Ocean Market: Data Hunters

Several startups launched in <1 mo



DataUnion.App @DataunionA · Nov 15

There is a first review on YouTube about the dataset:

youtu.be/CtETKKnxfk

Thank you for that @profit_ai

#OceanProtocol

A screenshot of a mobile device displaying the Ocean Marketplace. The screen shows a dataset titled "DataUnion.app - Image & Annotation Vault". It includes a circular profile picture of a scuba diver, a graph showing data distribution, and a "Description" section. The description notes that the dataset is alpha and subject to change.



opendata | **Data Brokers**
@databrokers1 Follows you



datawhale @realdatawhale · Nov 25

Our proprietary staking rating formula for "Directory" will be based on metrics that don't lie: numbers.

The highest weightage for the rating will be based on number of sales, number of transactions & decentralization.

Our TREPEL-36 sold more than all top pools combined 🐠

Dataset Title	Dataset Token	Dataset Supply	Average 7-Day Liquidity	Number of Sales	Number of Contract Test	Number of Token Transfers	Total Token Holders	GNO Index Score (Index last 24h)
Ocean Marketplace - Pool Ratings	TREPEL-36	500	146,956	265	6,536	864	854	0.72
Search - Consumer Electronics	TREPEL-36	250	133,946	10	4,536	10	1,093	0.67
Product Pages - E-commerce	LUXMATA-42	50	138,954	-	2,027	45	323	0.91
Marketplace - E-commerce	LUXMATA-42	50	138,954	-	2,027	24	311	0.89
PLACE BOB - Multi Media Compositions & Samples	IMCOR-52	60	31,530	2	851	19	230	0.98
Search - Consumer Electronics	TREPEL-36	20	26,558	1	7,704	20	487	0.94
Albion Sentiment Data	STOCK-14	9	33,059	-	-	3	263	0.91
Marketplace - E-commerce	TREPEL-36	20	26,558	-	-	3	263	0.91
Product Pages - E-commerce	TREPEL-36	9	33,059	-	-	3	263	0.91
Marketplace - E-commerce	QUICRA-0	1,000	64,126	4	595	60	172	0.92
Albion Sentiment Data	IMCOR-13	657	165,300	13	743	213	154	0.98
Marketplace - E-commerce	IMCOR-13	657	165,300	13	743	132	150	0.98
Ocean Marketplace - Pool Trends and Charts	WIDOM-82	535	35,082	5	299	92	86	0.71

The logo for dataapplications, featuring a stylized 'da' monogram inside a circle. The background is dark with abstract geometric shapes.

dataapplications
Solving the worlds data challenges
and creating a better future

... Following

The logo for Data Reservoir, featuring a stylized 'dr' monogram inside a circle. The background shows a digital landscape with server racks and data storage tanks.

treasures
103E2ef5Ab
Data Reservoir
@DataReservoir Follows you
Provider of valuable datasets on the Ocean Marketplace.
Joined November 2020
70 Following 329 Followers



Ocean Market: Stats After First Month

30.626
visitors
to
the marketplace



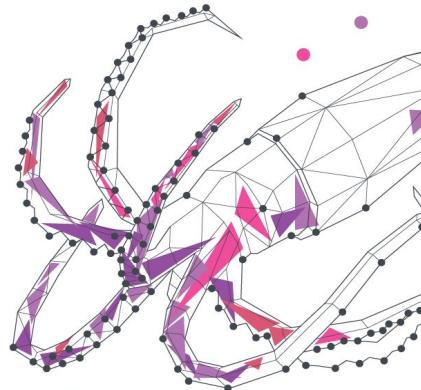
1.322.631
OCEAN pooled



58.500
transactions

1.505.557 pageviews

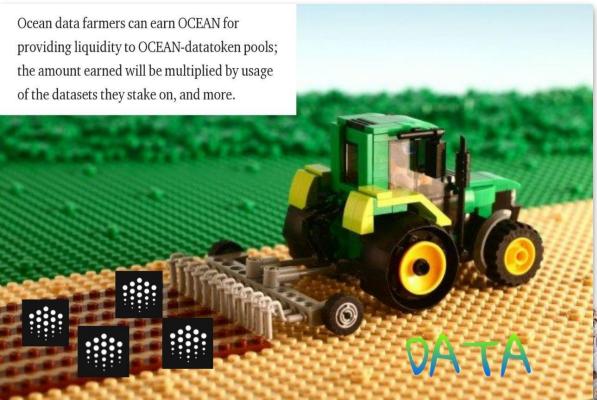

268
datasets
published



164 dataset pools

Community Memes / Art

Ocean data farmers can earn OCEAN for providing liquidity to OCEAN-datatoken pools; the amount earned will be multiplied by usage of the datasets they stake on, and more.



Donnie
@DonnieBigBags

WHAT DID YOU UNLEASH @trentmc0

I was looking forward to a relaxing week of farming \$OCEAN @oceanprotocol

A horde of degens with an insatiable thirst for data have appeared.

No sign of slowing down either. After the election this is going to go CRAZY.

t.me/Farm_Ocean

Farm Ocean - Statistics

Overview 27 Oct 2020 – 3 Nov 2020

Value	Change	Members
1.4K	+1.1K (34%)	61.4K (59.9K)
1.7K	+1.1K	1.2K (+1.1K)

Growth 25 Oct 2020 – 3 Nov 2020

A child in a yellow jacket is holding a tablet. To the right is a graph showing the growth of members over time, with a sharp increase starting around October 28th.

Birth of an Open Data *Economy*

For the first time ever...

- There's a data marketplace open to the world, on a public utility network substrate
- A totally new way for data creators to share data and to earn
- Data is auto-priced by market mechanisms
- The protocol casts data as an asset.
- **...And people went for it.**
 - Creators launching their asset -- Initial Data Offerings (IDOs)
 - People speculating on it
 - Even PnD'ing and rug-pulling
- This new data economy is a microcosm of the broader crypto economy



For an *economy*, 1000s of data marketplaces

And the forks have begun:)

The screenshot shows the Poseidon Data Token Manager interface in Beta. At the top, there are navigation links for 'Learn', a profile icon, and 'Your Wallet'. The main section is titled 'Create a New DataToken' with a sub-instruction 'Let's get some details.' Below this, there are five input fields: 'Name of your Token' (with placeholder 'Name of your Token'), 'Link to your Data Source' (placeholder 'Enter your link'), 'Symbol of your Token' (placeholder 'Symbol of your Token'), 'Link to your Sample Data Source' (placeholder 'Enter your link'), 'Total Supply' (placeholder 'Total Supply'), 'Data Description' (placeholder 'Enter Data Description'), 'Data Type' (dropdown menu showing 'Download'), and 'Data License' (dropdown menu showing 'No License'). At the bottom are 'Create' and 'Clear' buttons.

The screenshot shows the Datapolis platform interface. At the top, there is a navigation bar with 'Home', 'Datasets', 'Token Exchange', and 'My Datatokens'. A 'Connect wallet' button is located in the top right corner. The main area features four cards: 'Datasets' (icon of a database, text 'Explore, Publish data assets', button 'Start exploring'), 'Datatokens' (icon of a document, text 'View balances', button 'View'), 'Exchange' (icon of a circular arrow, text 'Swap, buy or provide liquidity', button 'Get started'), and 'Learn more' (icon of three circles, text 'Understand the protocol', button 'Go to docs').





Ocean Data Services

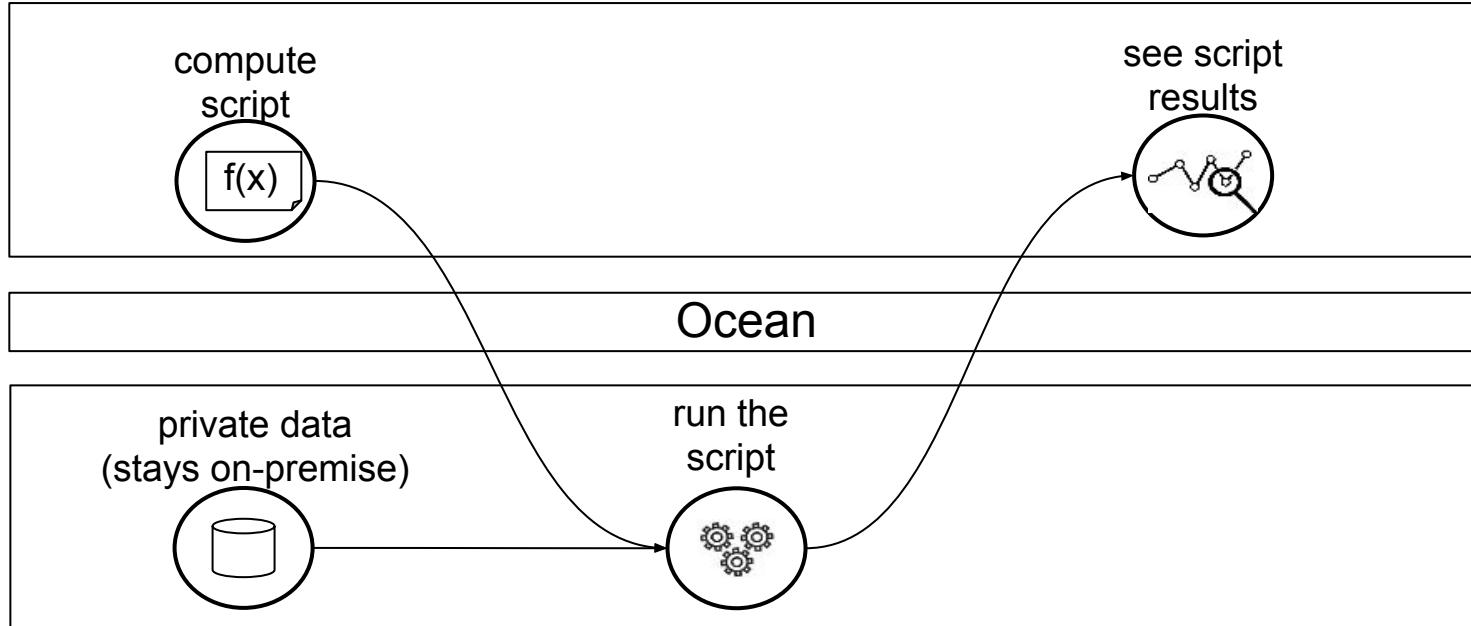
Data Service: Static Uri

- Publisher encrypts the uri
- Uri gets decrypted upon ‘consume’
- Available in backend and frontend (Ocean Market)
- Works for...
 - static files
 - dynamically-updated files
 - **IPFS uris, and therefore Filecoin data**
 - for Web2 REST APIs
 - and more. Super-flexible.



Data Service: Compute-to-data

Buy & sell private data, while preserving privacy. Backend now, front soon



Data Services Future

Towards hundreds of specialized data services

- **Deeper integration to Filecoin services** - more on this later
- **Web3 data services** - Chainlink, TheGraph Curators, Numerai Signals, etc
- **Streaming data services** - Streamr, WebSockets, GraphQL Subscriptions, etc
- **Web2 APIs** - CoinMarketCap, Messari, etc
- **More privacy-preserving / off-chain compute** - Secret, ZK-Snarks, MPC, HE, ..





Filecoin * Ocean

Filecoin * Ocean

Possible now: just use the static IPFS uri on Filecoin-stored data

- **Sell your Filecoin data via Ocean Market**
- **Speculate Filecoin data**
- **Stake (LP) on Filecoin data**

The image displays two side-by-side screenshots of the Ocean Market web application.

Publish Screen: This screen is titled "Publish" and allows users to highlight features of their data set. It includes fields for "Title" (e.g., "Shapes of Desert Plants"), "Description" (a text area), "File" (a URL input field with "ADD FILE" button), "Sample file" (another URL input field with "ADD FILE" button), and "Access Type" (a dropdown menu). A note at the top states: "Given the beta status, publishing on Rinkeby first is strongly recommended. Please familiarize yourself with the [market](#), the [risks](#), and the [Terms of Use](#)".

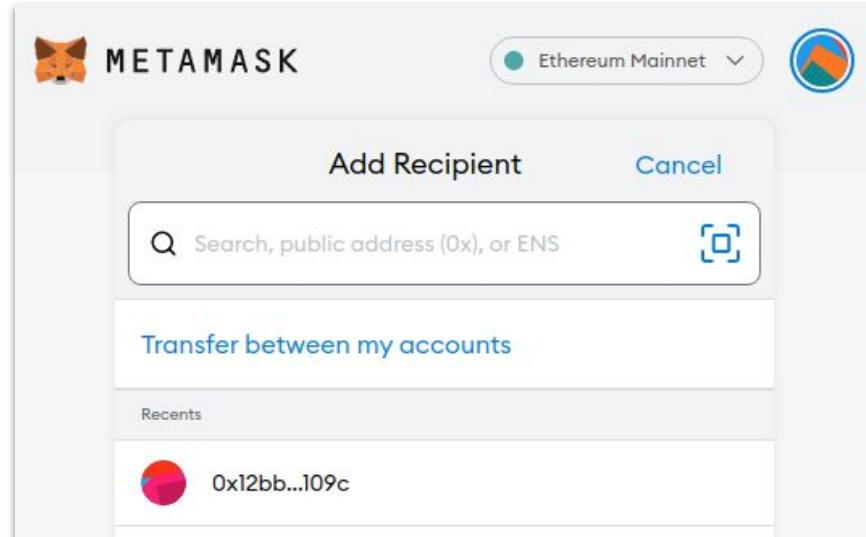
TRADE Screen: This screen is titled "TRADE" and shows a swap interface. It has tabs for "USE", "POOL", and "TRADE". Under "TRADE", it shows "Balance" and "Maximum to spend" for "OCEAN" (0 OCEAN) and "QUICRA-0" (0 QUICRA-0). It also shows "Available from pool" and "Maximum to receive" for "QUICRA-0" (0 QUICRA-0). A "USE MAX" button is present. Below this, there are sections for "Minimum Received" (set to "- QUICRA-0") and "Swap fee" (set to "- OCEAN"). An "Expected price impact" dropdown is set to "5%". At the bottom is a pink "APPROVE & SWAP" button.



Filecoin * Ocean

Possible now: just use IPFS uri (2)

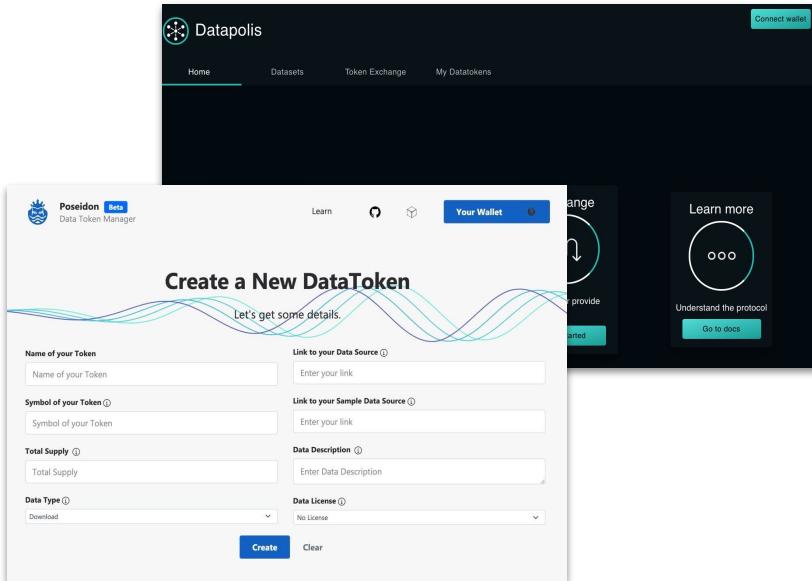
- **Share access to your Filecoin data,**
by sending datatokens among wallets



Filecoin * Ocean

Possible now: just use IPFS uri (3)

- Launch your own Filecoin data market by forking Ocean Market



The screenshot shows a GitHub repository page for 'oceanprotocol / market'. The header includes a search bar, 'Pull requests', 'Issues', 'Marketplace', and 'Explore' buttons. Below the header, there's a summary of the repository: 'main' branch, 15 branches, 4 tags, and a 'Go to file' and 'Add file' button. A pull request list is displayed, with the first item being a merge pull request from 'kremalicious' titled 'add ropsten to network detection utilities (#294)'. The list also includes other pull requests and commit messages for 'github', 'storybook', 'content', 'gatsby', 'scripts', and 'src' branches.



Filecoin * Ocean

Possible now: just use IPFS uri (4)

- **Create a Filecoin data DAO**, via Ocean ERC20 datatokens * DAO tooling (let's see what Olaf says:)

Data DAOs: Data Coops,
Data Unions



ARAGON



DAOSTACK



MOLOCH
DAO



ocean

Filecoin * Ocean

Possible now: just use IPFS uri (5)

- **Create a Filecoin data index fund**, e.g. put 8 datatoken assets into a Balancer AMM
- And more crazy DeFi stuff

Data Insurance, Data Baskets, Data as Collateral...

Nexus  Mutual

 AAVE  SYNTHETIX

 Centrifuge

 Set

 MAKER



Filecoin * Ocean

Possible now (6). Riffing on Zargham:)

“Data-driven decision making in the Filecoin economy”

Ecosystem participants have questions like this:

- **Lenders** decide how much FIL to lend
- **Underwriters** decide which loans to underwrite
- ..

# (1d Δ)	Symbol	Score	Gini	Liquidity (OCEAN)	Price (OCEAN)
1 0	QUICRA-0	16.60	0.93	554,838	498.85
2 0	TREPEL-36	5.73	0.70	44,219	91.03
3 0	MERMAN-13	5.11	0.86	82,213	187.29
4 0	TASLOB-45	3.01	0.88	57,053	33,500.49
5 0	LUMSTA-42	2.13	0.97	150,159	33,270.58



Zargham suggestion: Quality Metrics to make detailed data useful

- Q: how to incentivize these metrics to get created?
- A: create and sell the Quality Metrics!
- The highest-quality metrics will bubble up
- Just like we're seeing in Ocean Market already



Filecoin * Ocean

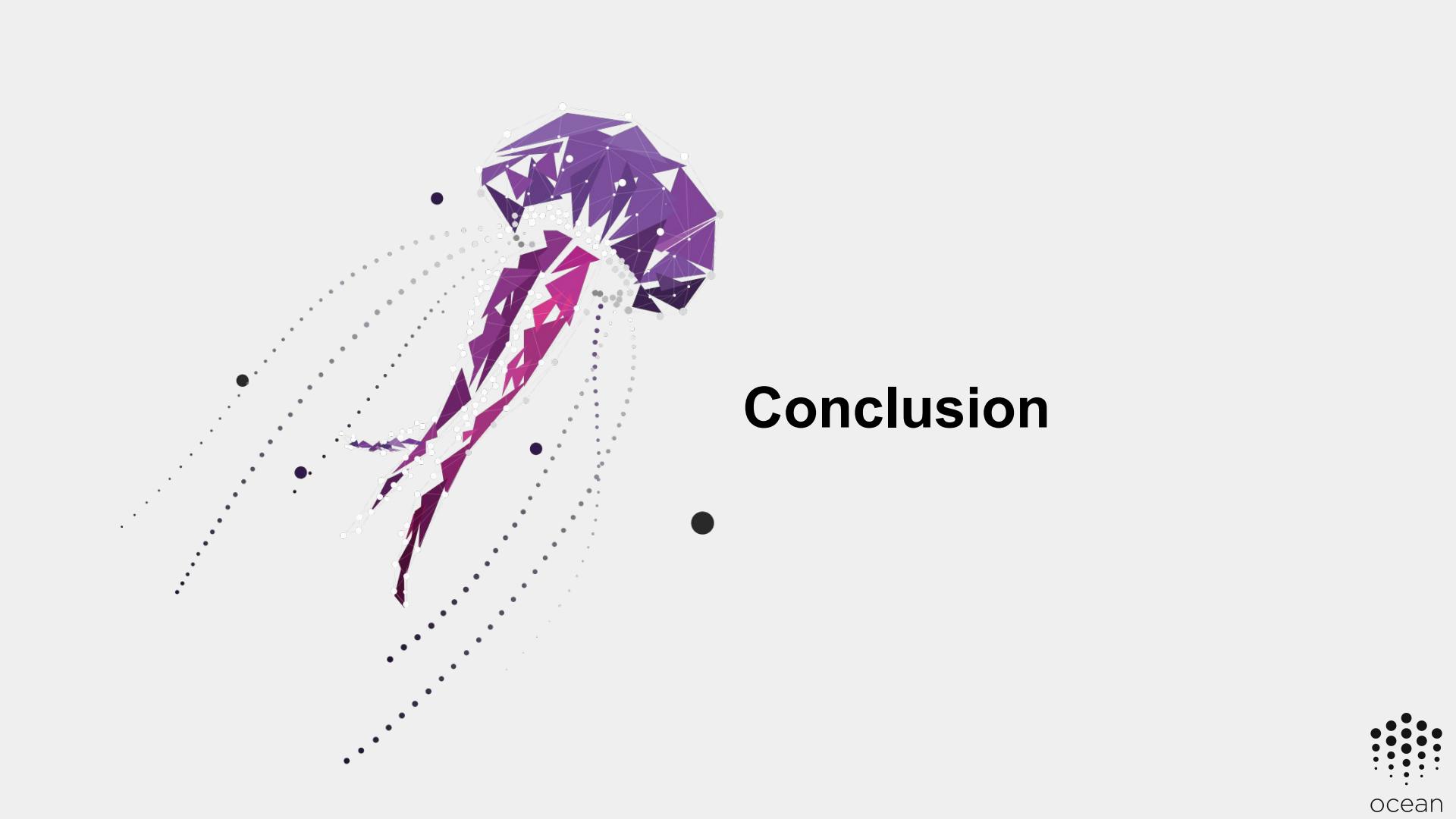
Possibility of more specialized data service integrations

While static URIs are available now, we can have deeper integration yet.

Possibilities:

- **Textile Buckets** leveraging its access control, etc
- **Filecoin Retrieval Miners** - direct connection
- And more



The background features a complex, abstract geometric pattern. It includes several large, jagged, purple-colored fractal-like shapes that resemble shards of broken glass or crystalline structures. These shapes are set against a light gray background that is dotted with numerous small, semi-transparent gray circles of varying sizes, creating a sense of depth and data visualization. The overall aesthetic is modern and scientific.

Conclusion

Conclusion / Opportunity:

Publish, buy, sell, stake & speculate on Filecoin data in Ocean Market now

The image shows two screenshots of the Ocean Market beta interface.

Left Screenshot (Home Page):

- Header:** Ocean Market BETA, ocean
- Top Bar:** PUBLISH, HISTORY, Get MetaMask, settings icon
- Middle Section:** A large search bar with placeholder "What are you looking for?" and a SEARCH button. Below it is a decorative graphic of overlapping curves.
- Text:** We are in beta. Please familiarize yourself with [the market](#), [the risks](#), and the [Terms of Use](#).
- Section Headers:** Ocean Market, A marketplace to find, publish and trade data sets in the Ocean Network.
- Data Partners:** WONKRI-42, Leading retail brands and consumer preferences - over 36,000,000 points of data. CHACOD-81, Altcoin Sentiment Data. STROCT-64, Bitcoin Sentiment Analysis.
- Bottom:** 3,447.227 OCEAN POOL

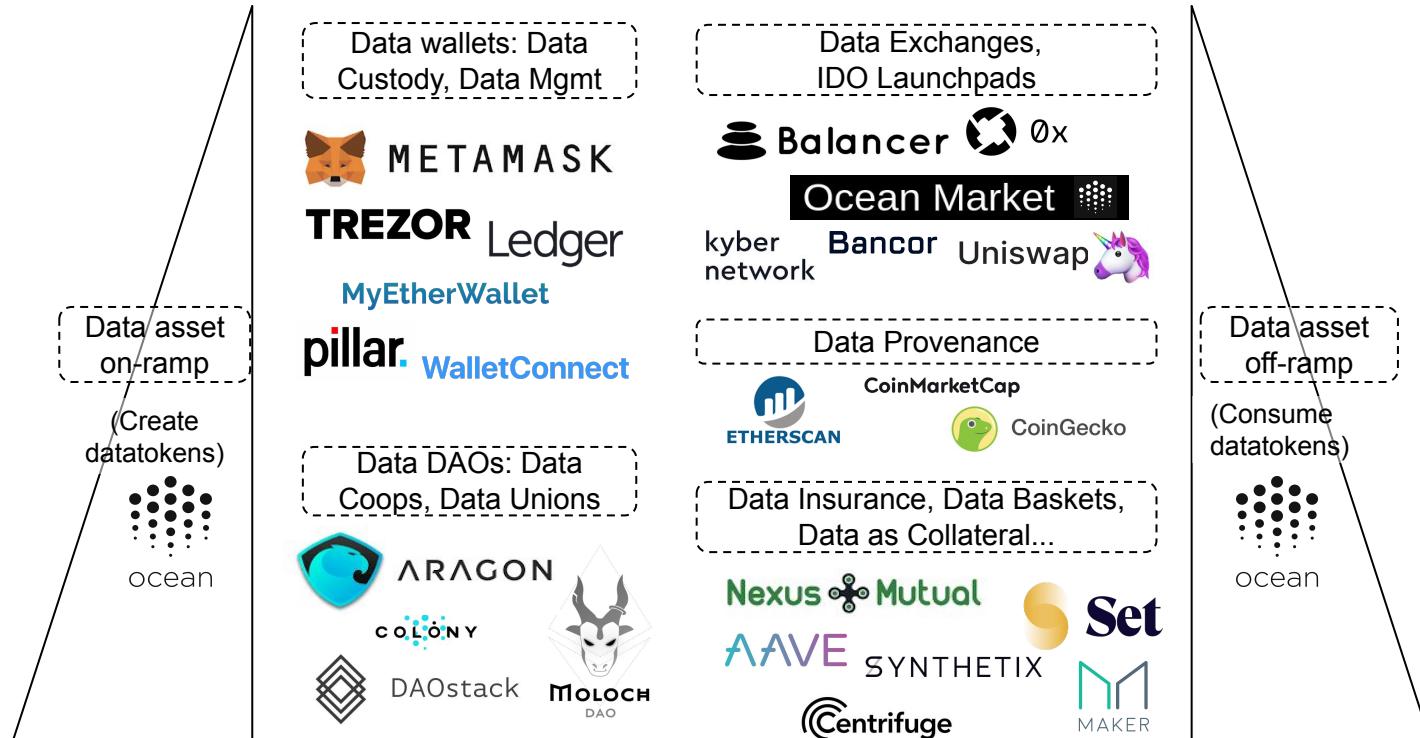
Right Screenshot (Publish Section):

- Header:** Ocean Market BETA, ocean
- Top Bar:** PUBLISH
- Title:** Publish
- Text:** Highlight the important features of your data set to make it more discoverable, catch the interest of data consumers.
- Form Fields:** Balance, Maximum to spend, Available from pool, Maximum to receive, Minimum Received, Swap fee, Expected price impact.
- Buttons:** APPROVE & SWAP



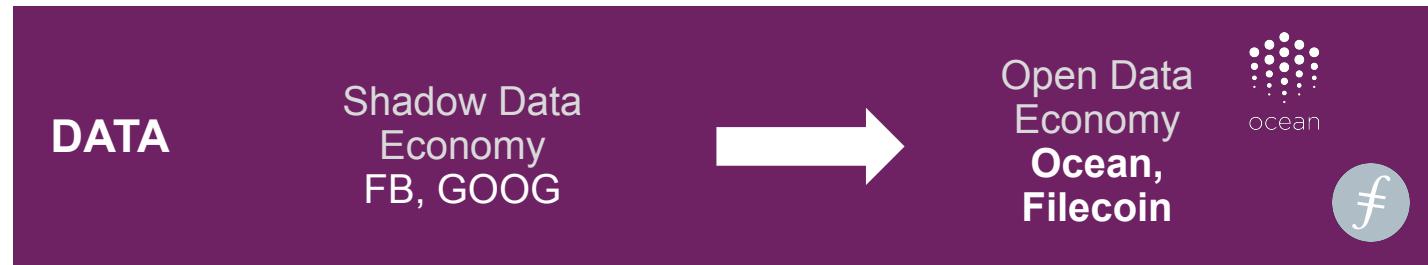
Conclusion / Opportunity:

Ocean Market turns Filecoin data into assets for data DAOs, DeFi, more



We are at the birth of an open data economy.

For self-sovereign data for individuals and groups.



Trent McConaghy [@trentmc0](https://twitter.com/trentmc0)
Slides: trent.st/content/filecoin2020.pdf

Build with Ocean tools

Docs docs.oceanprotocol.com

Code github.com/oceanprotocol

Chat discord.com/invite/TnXjkR5

Funding oceanprotocol.com/fund

