



Ocean Protocol V1 Product Release

@oceanprotocol
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The world's most valuable resource



Data is money.

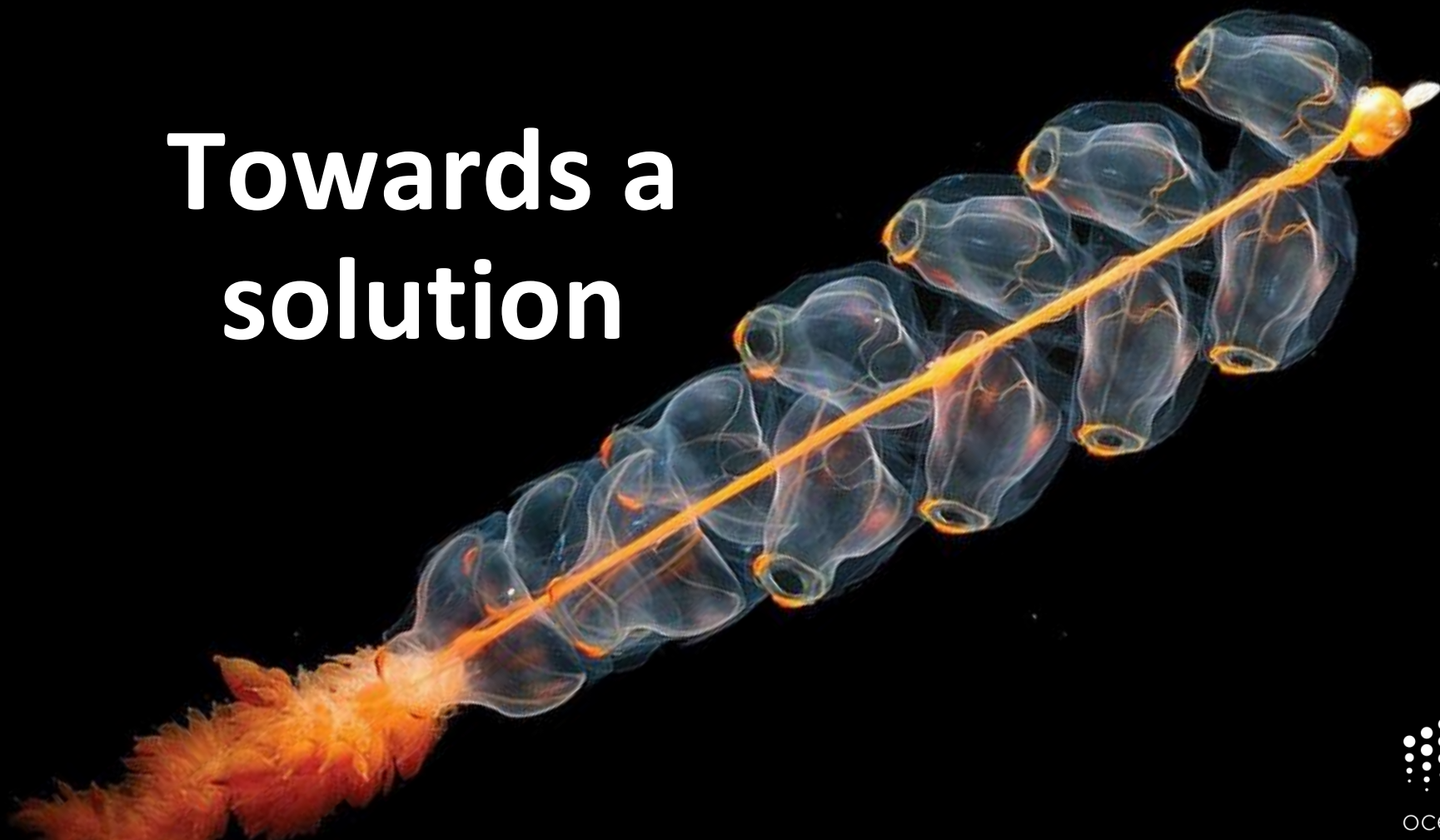
Just as We Opened Money, Let's Open Data

**Opaque, Power
Concentrated**

**Transparent,
Permissionless**



Towards a solution



AI is the linchpin

Have ++ data
(1000 enterprises)



\$\$

Have ++ AI expertise
(1000 AI startups)



Have *both*:
Goog, FB, a handful

Connect them!

**Connect 1000+ enterprises
With 1000+ AI startups
All get lotsa data & AI**



Connecting substrate



Connect data owners with data scientists

Enterprises, govts, NGOs
With data & compute



Data scientists
With problems to solve



Data market

DM

DM

DM

DM

AI commons

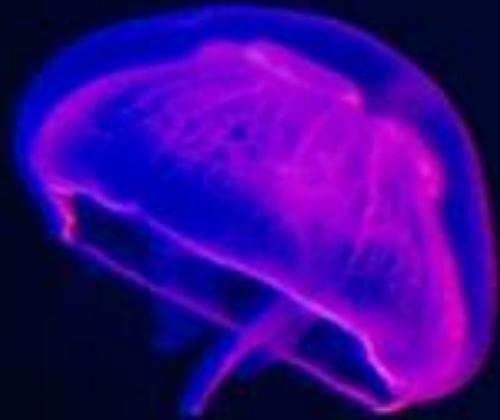
Data science tools
(sklearn, Tensorflow, ..)



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Substrate for a data economy

**How to maximize the
supply of data?**



1. Low friction to create / use data marketplaces & data commons

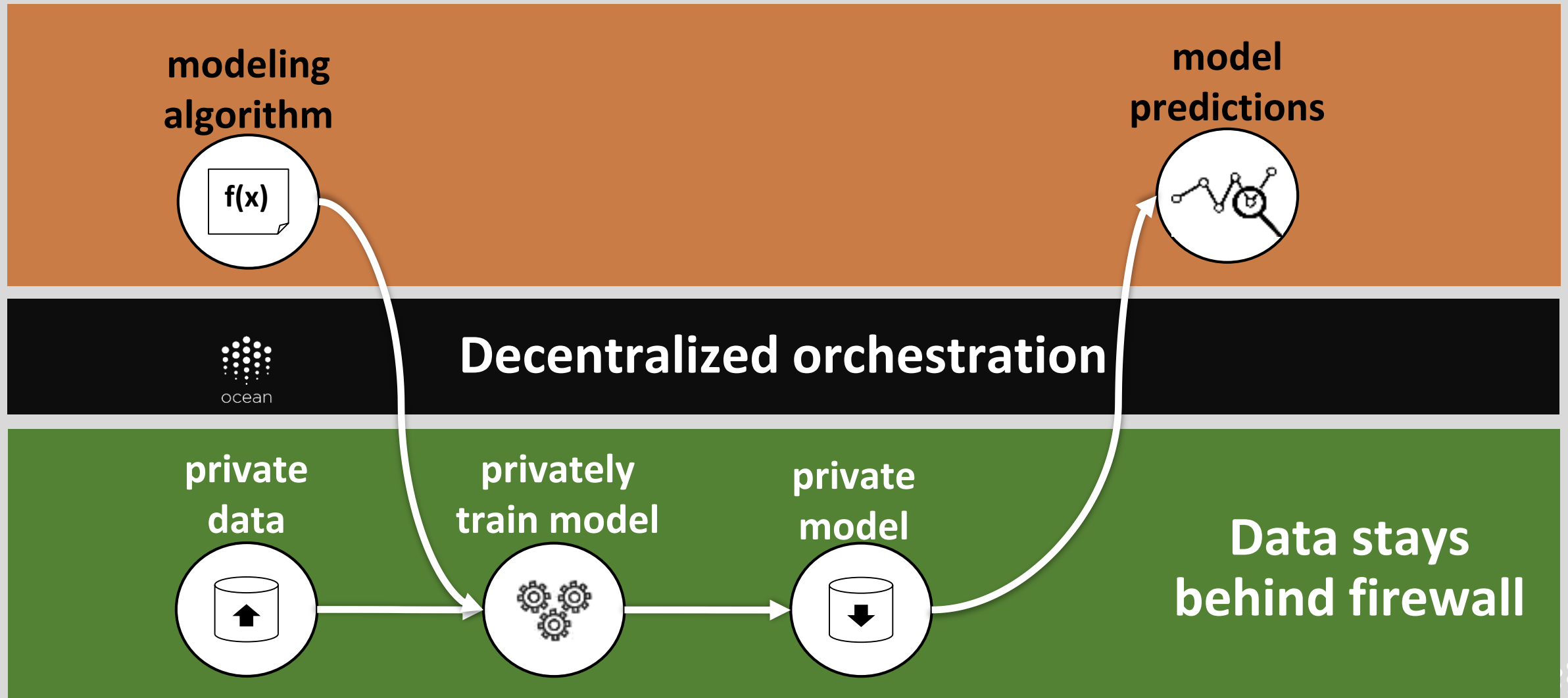
Have data	Have AI (Want data)	Have data	Have data	Have AI (Want data)
Have AI (Want data)	Have data	Have AI (Want data)	Have AI (Want data)	Have data
Data marketplace	DM	Data commons	DC	Data Science Tools
DM	DM	DC	DC	DST
DM	DM	DC	DC	DST
DM	DM	DC	DC	DST



Substrate for a data *economy*



2. Keep control & privacy: bring AI compute to the data



3. Network rewards to incentivize data supply

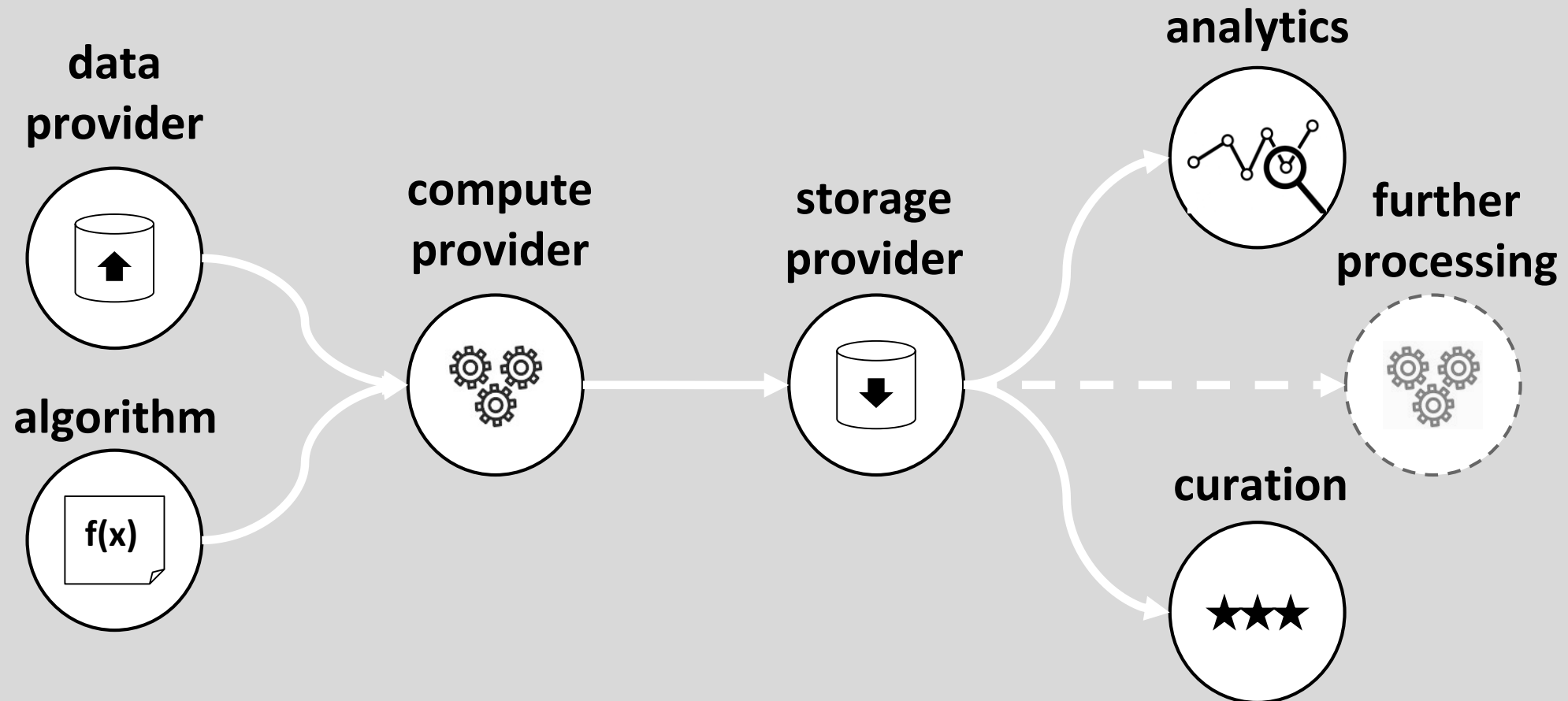
Add to data commons, make \$



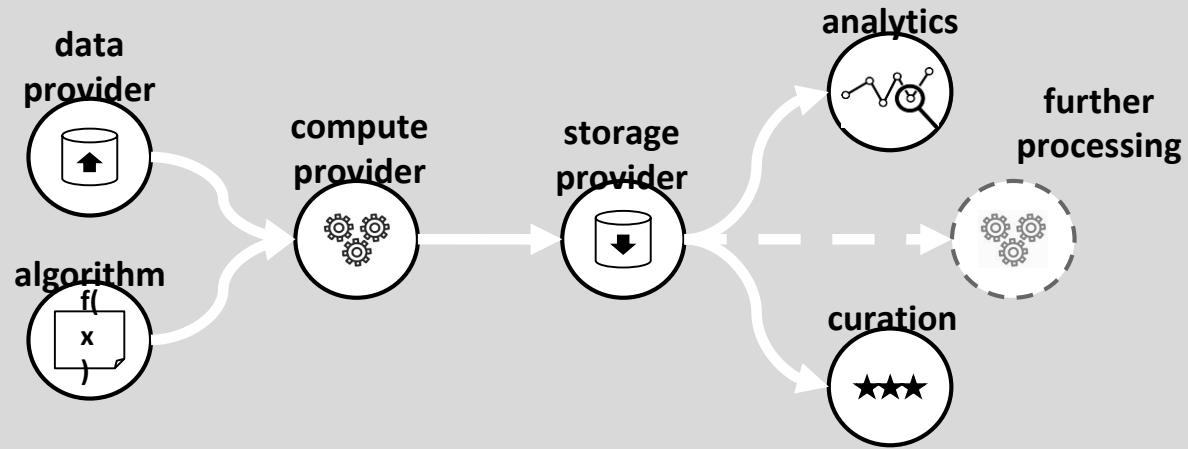



**Deep in
the Ocean...**

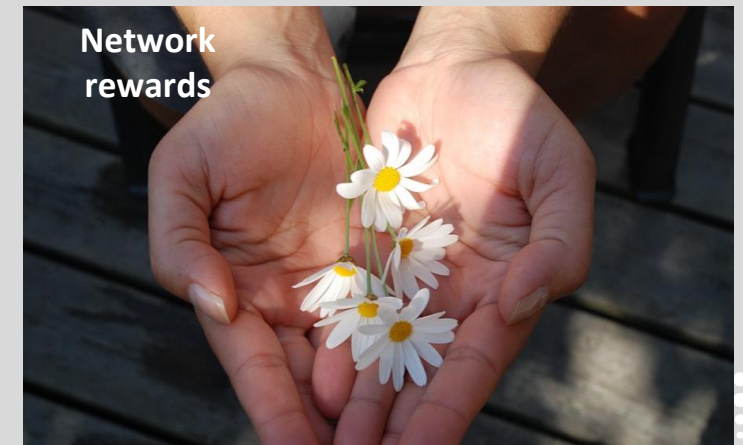
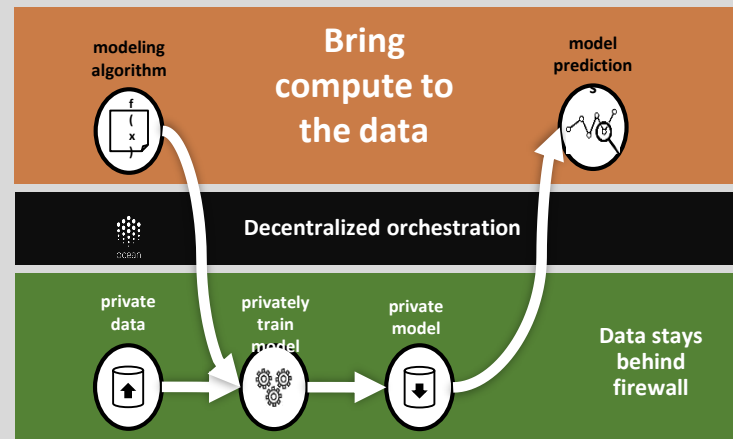
Decentralized Orchestration Specified by Service Execution Agreements (SEAs)



Decentralized Orchestration (& surrounding tooling) Powers the Ways To Supply Data



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 Substrate for a data economy				



Benefits to data scientists / AI researchers

- **Way more data.** Data commons. Enterprise data without data escapes via on-premise compute.
- **Provenance** in data & AI training. Goodbye data honeypots.
- **More \$.** For generating data. For cleaning, labeling, feature engineering data. For algs. For curation.

A brief history of Ocean

- Fall 2016 – realized the power of decentralized data marketplaces
- Spring 2017 – dec. data market for autonomous driving (w/ TRI)
- Summer/fall 2017 – Design exploration
- Fall 2017 – Announced Ocean. Refined design.
- Spring 2018 – Token Distribution Phase 1. Started building!
- Aug 2018 – **Plankton Release**
- Nov 2018 – **Trilobite Release**
- Jan 2019 – **Tethys (V1) Alpha Release**
- Mar 31 2019 – **Tethys (V1) Beta Release.** V1 Production to follow.

Ocean releases

- **V1 (2019)**
 - Can build marketplaces, data commons, data science integration.
 - Web2 storage services.
- **V2 (2019)**. SEAs++ (staking, slashing, ..). Web2 compute services.
- **V3 (2020)**. Network rewards. Verified Web2 & Web3 services.
- **V4**. Clans, On-chain bounties.
- **V5**. Permissionless.



Demos



Q & A