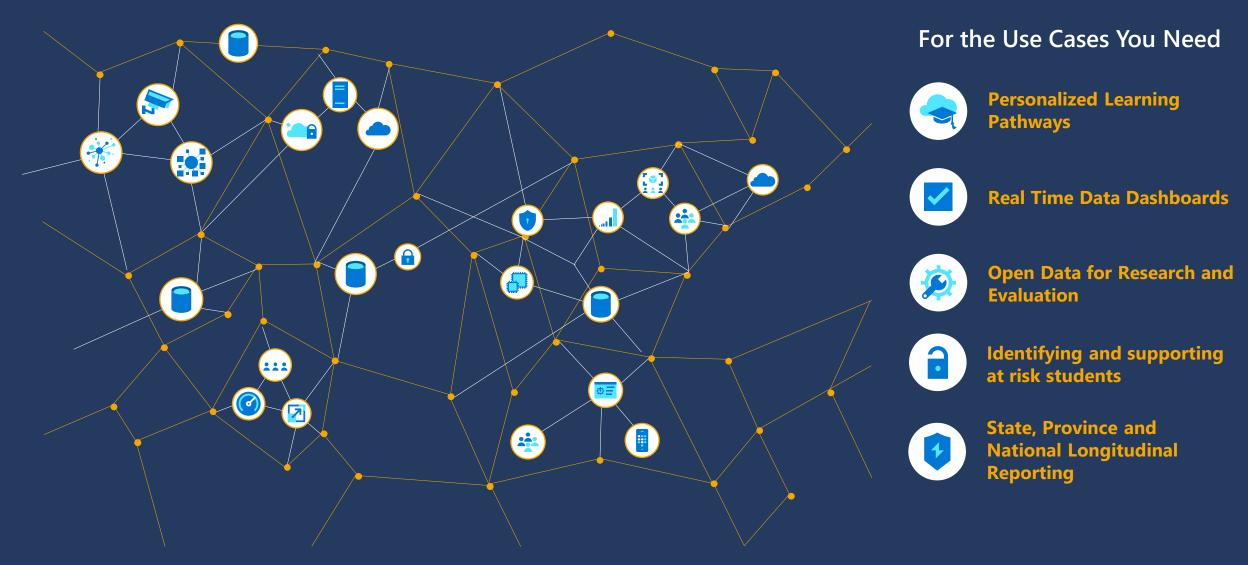


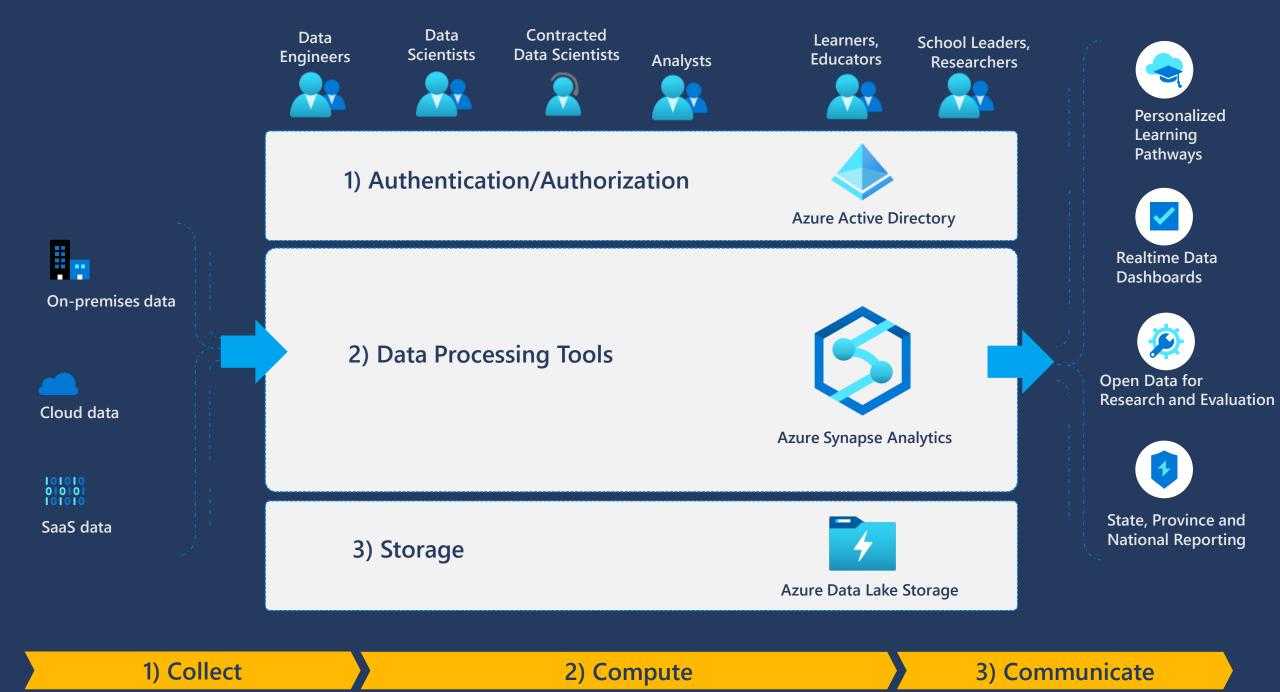


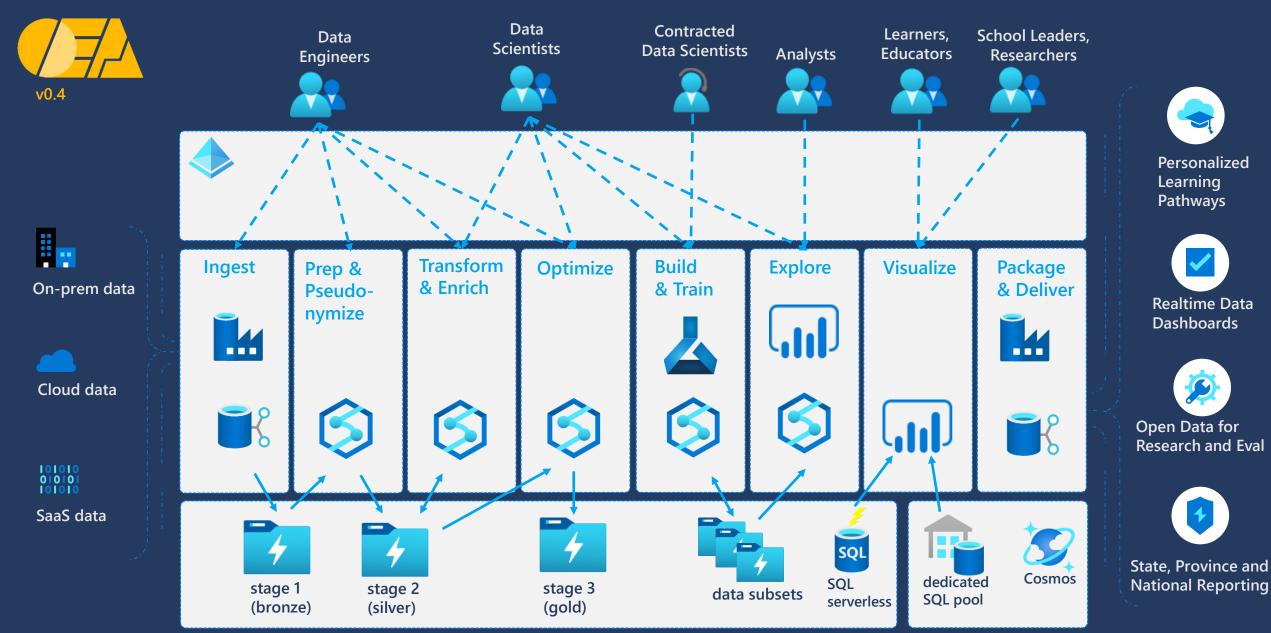
Open Education Analytics

a modern education data estate

Dispersed data prevents strategic use of data and Al







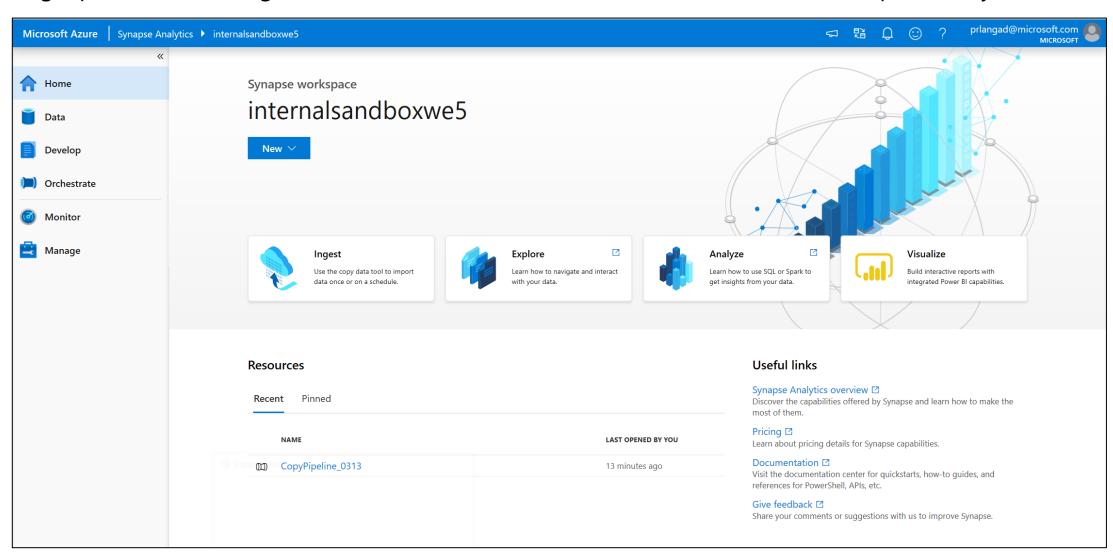
1) Collect

2) Compute

3) Communicate

Studio

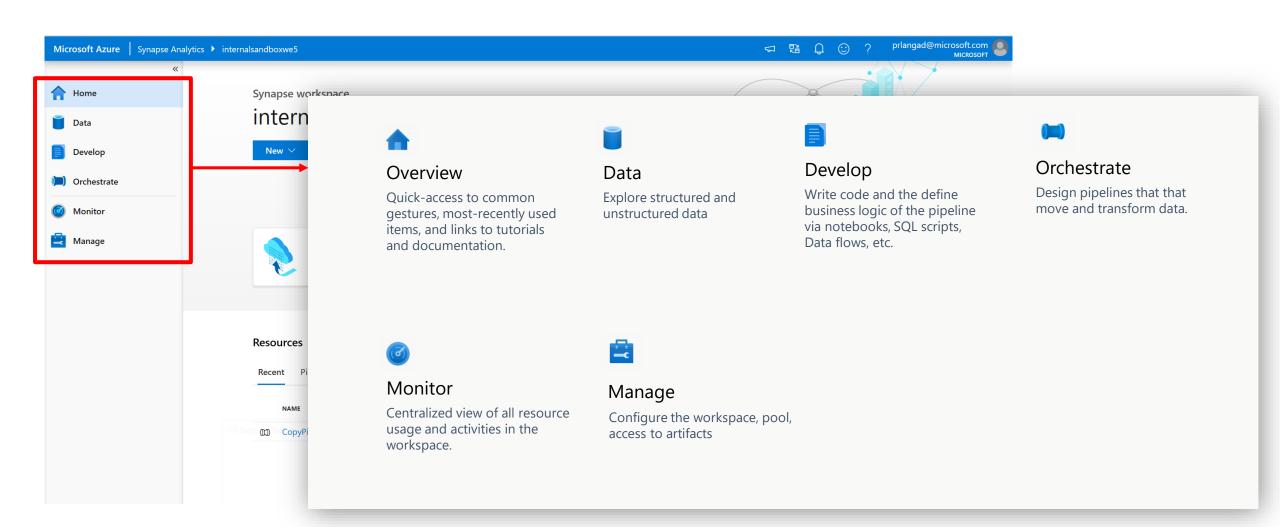
A single place for Data Engineers, Data Scientists, and IT Pros to collaborate on enterprise analytics

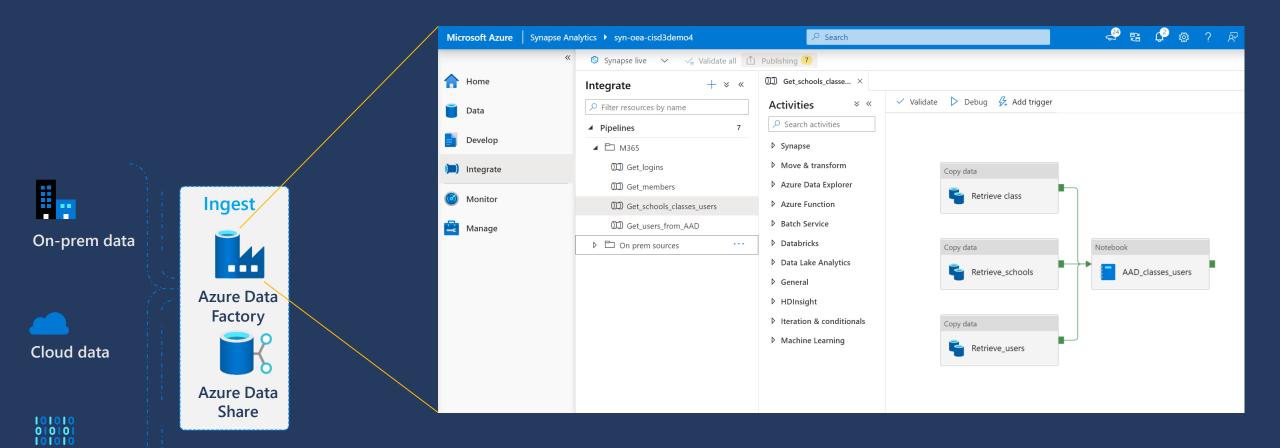


Synapse Studio

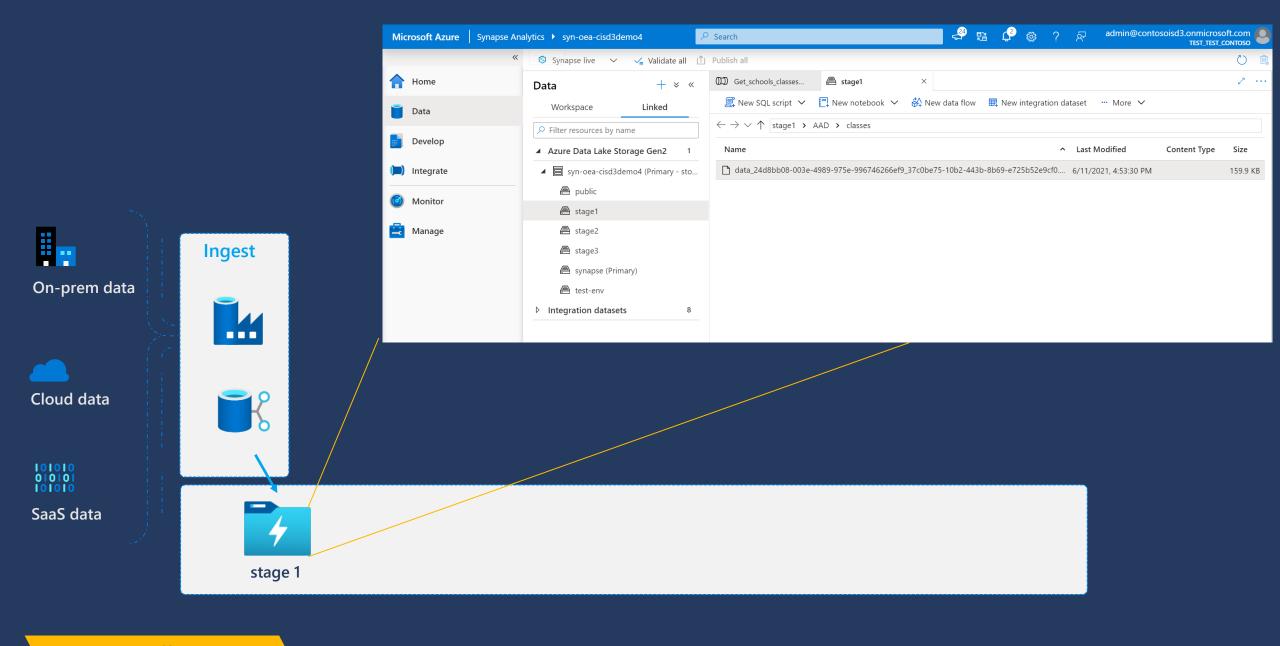
Synapse Studio divided into **Activity hubs**.

These organize the tasks needed for building analytics solution.





SaaS data



1) Collect

OEA Focus

standards

- data standards (at rest, in transit)
- process standards (ethical use, dev cycle, testing)

reusable assets/ best practices

- ethical use
- ingestion pipelines, transformation scripts
- dev process (dev cycle, testing strategy, releases)
- training

rapid iteration/ emergent design

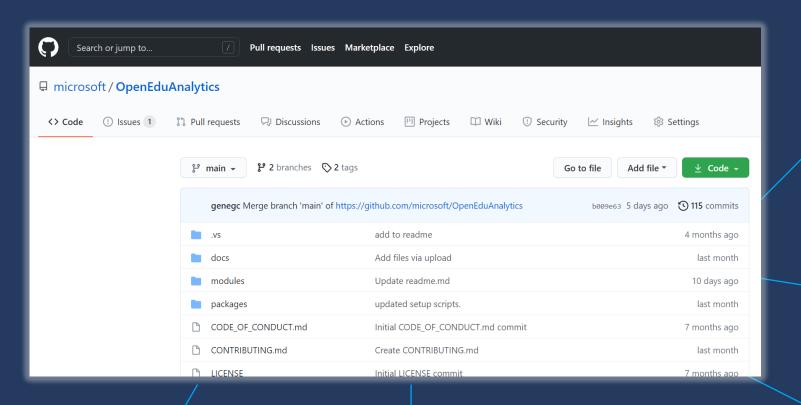
- sandbox env, test data sets
- evolve schema
- emphasis on build-learn-improve

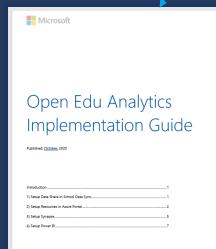
modern tech

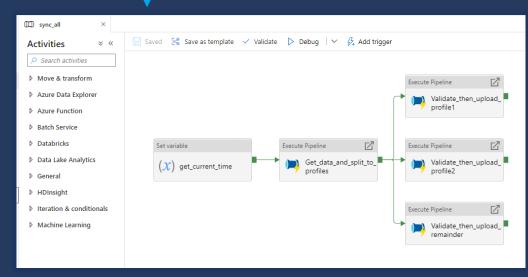
- cloud-based (low cost, infinitely scalable)
- easy setup (setup scripts, infrastructure as code)
- easy maintenance (auto-scale, monitoring)
- easy to extend (extensible arch, add-on modules)

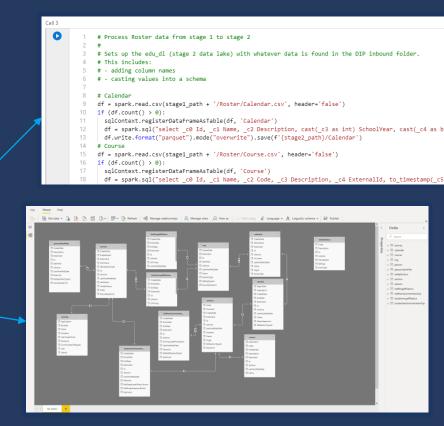
ecosystem / global community

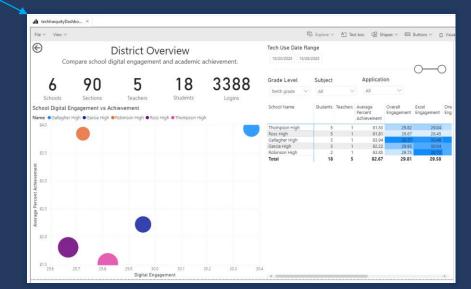
- customers, SI's, ISV's, standards bodies, policymakers
- focus on sharing, collaboration



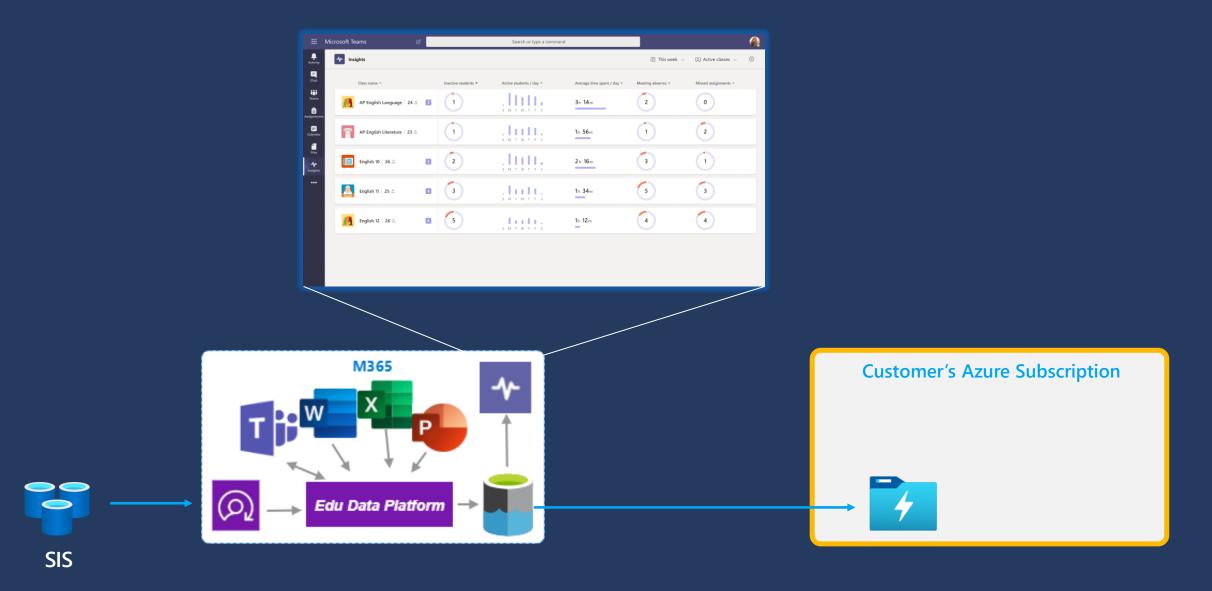


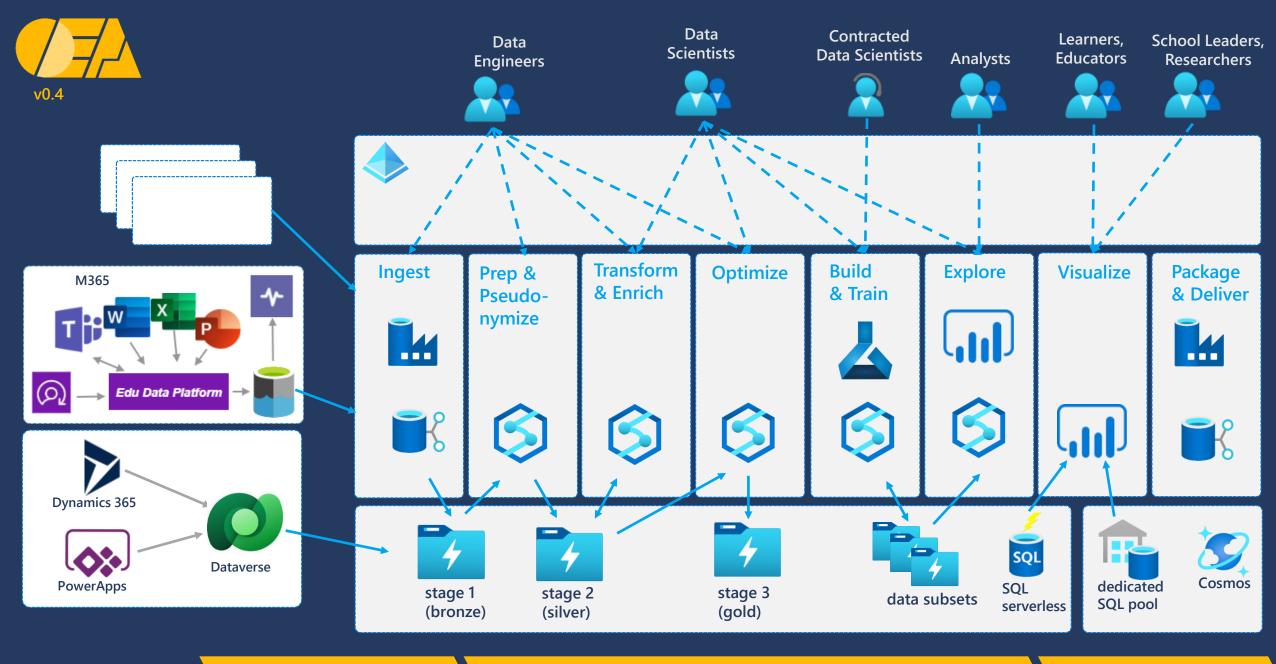






Education Analytics and Insights





1) Collect

2) Compute

3) Communicate

Multi-tenant architecture

