

Statistical Analytics in the Era of Al

using Microsoft Fabric

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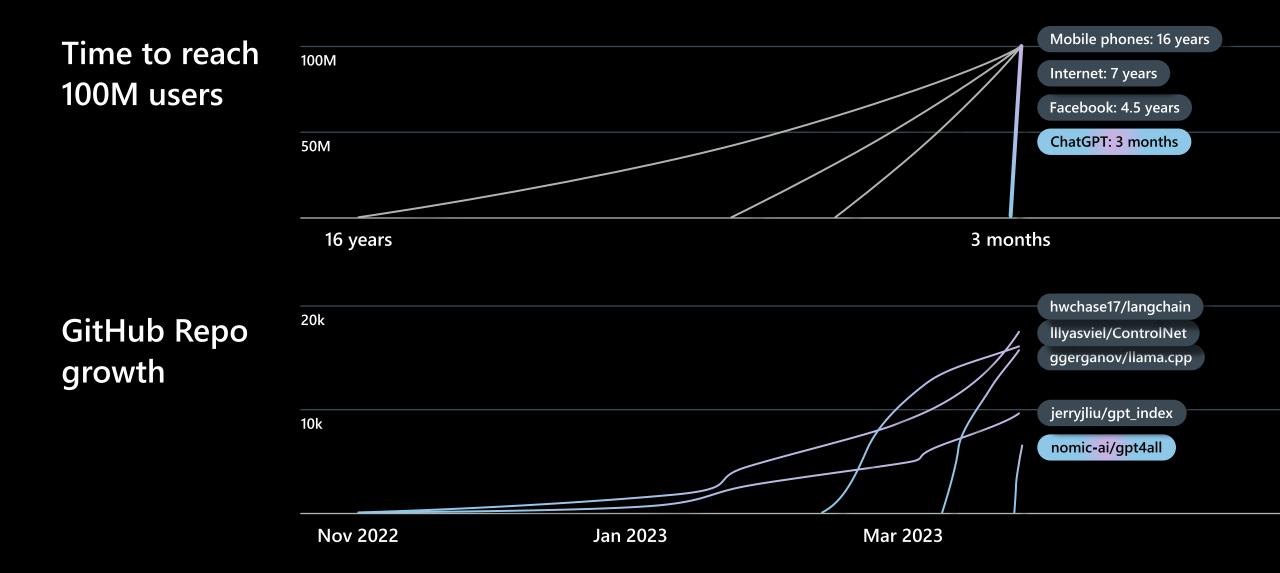
Agenda

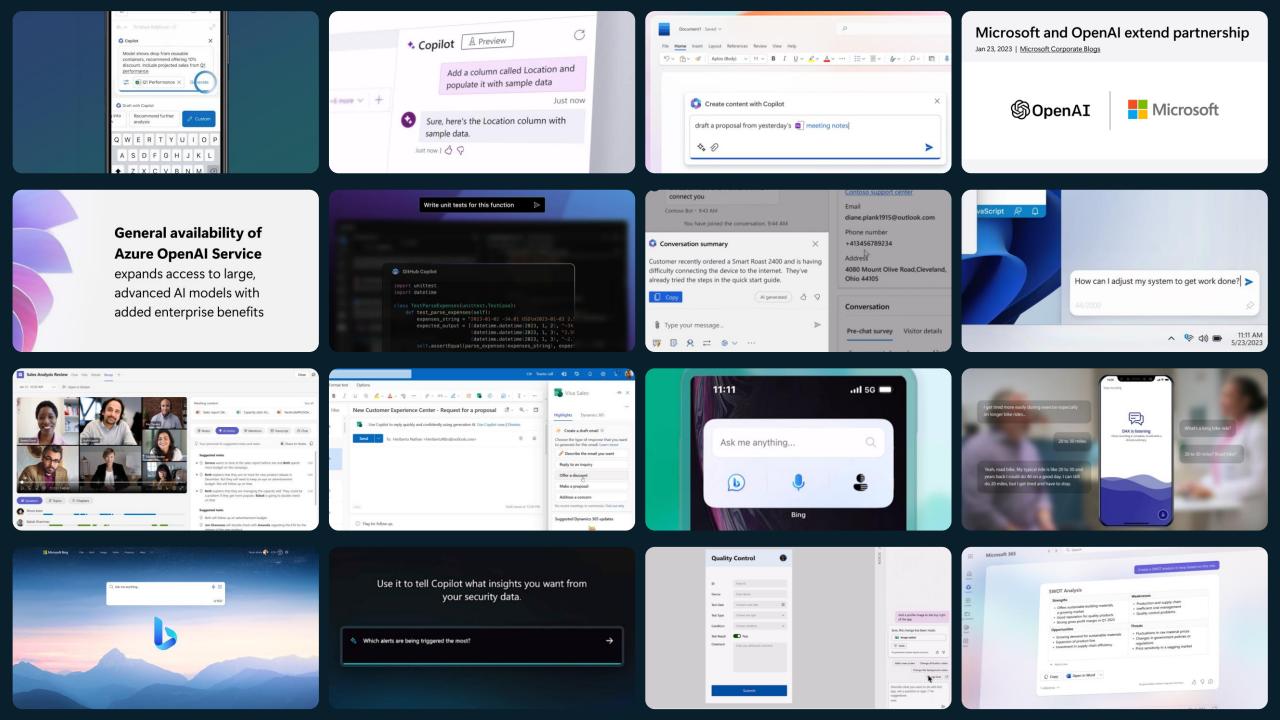
Microsoft Al Microsoft Intelligent Data Platform

Demo- Microsoft Fabric

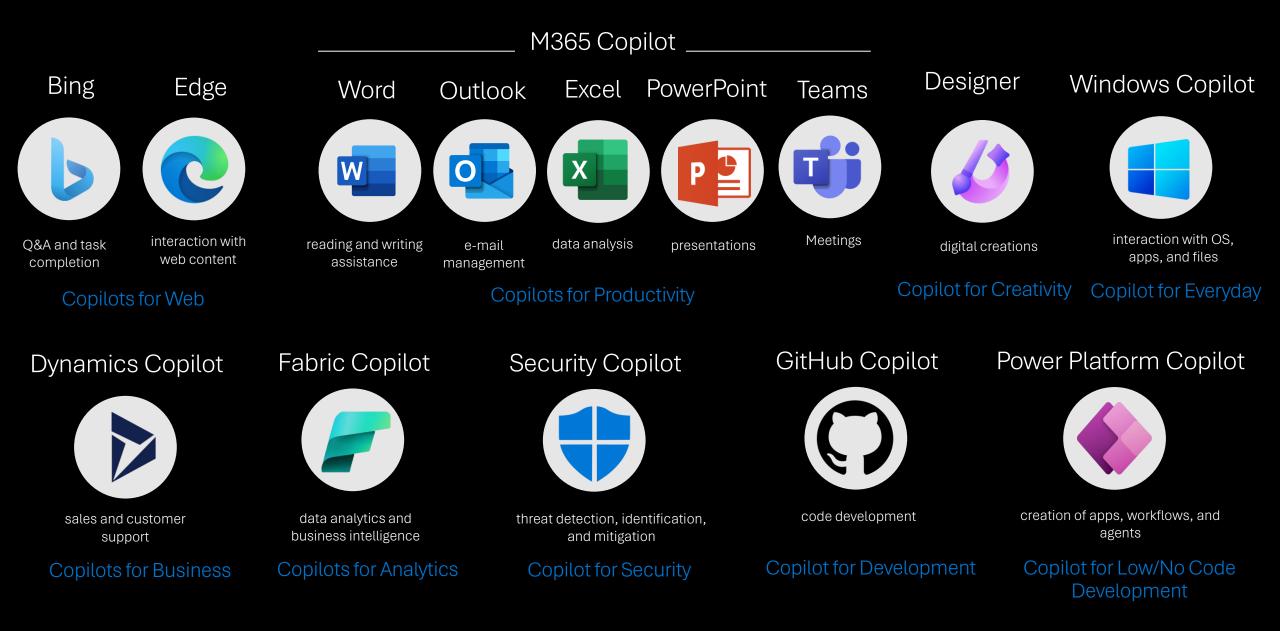
A New Al Reality

Vertical growth in adoption

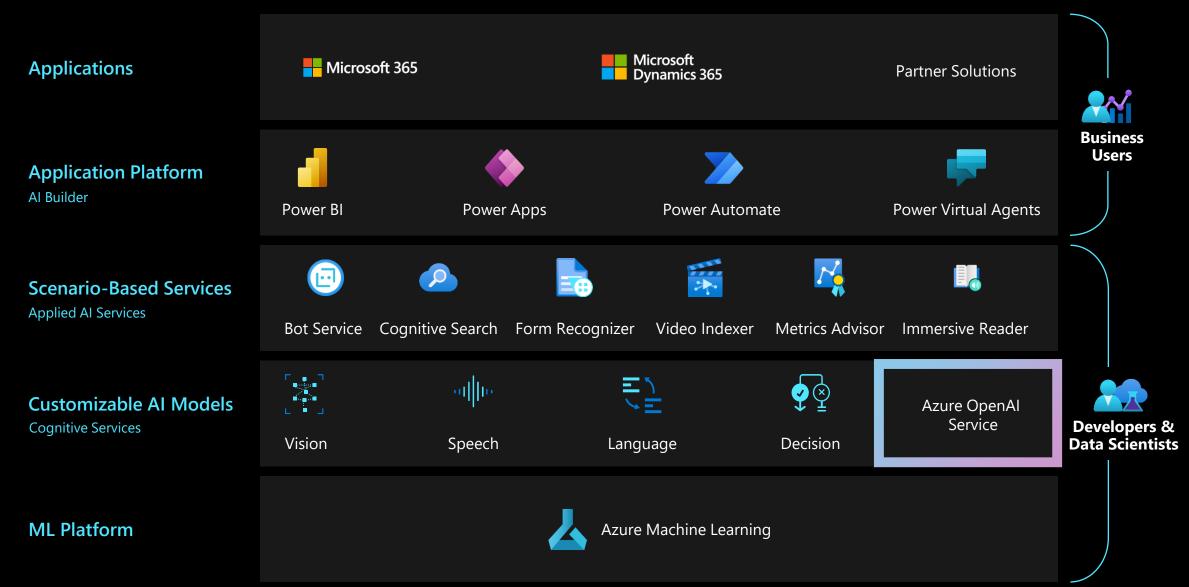




A copilot for every Microsoft Cloud experience



Azure Al



Al is only as good as your data

Together we are going to make it real

People & Skilling

Platform & Data

Process & Policies

Reducing dark data is difficult

Technology issues

- Separation between OLAP vs OLTP systems
- Application, edge and network data not shaped for analytics
- No tool to capture to capture and lock dark data
- Too much or data, not enough analytics
- Missing or not structure data

Organizational issues

• Realtime analysis not easily accessible

12% Of data is business critical

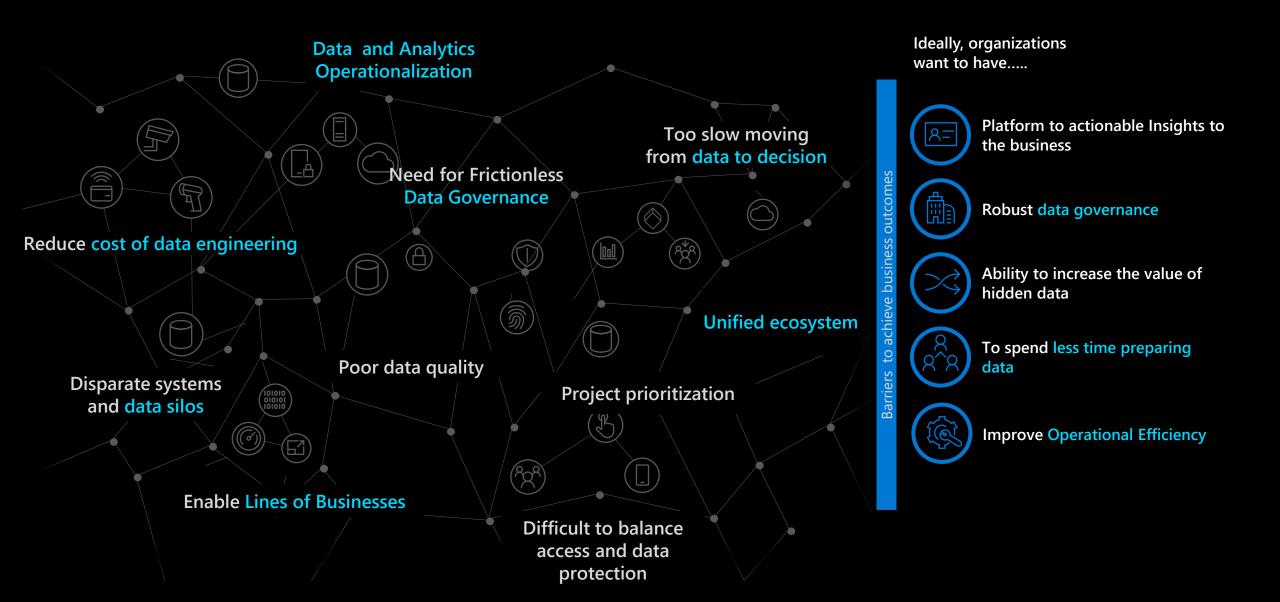
23%

Redundant, obsolete and trivial (ROT) – cost to global industry: \$3.3 Trillion by 2020

65% Da

Dark data hidden within networks, people and machines

Data Infrastructure is a challenge to Transformation



Trending approaches and architectures



Data mesh:

A series of domains assigned to individual LOBs that enables access to the data they need with maximum autonomy by upholding the four principles of a data mesh.

Data fabric:

A system for automating data management tasks, such as unifying and cleaning disparate sources as well as authorizing data access, that helps a business make the most of its existing data sources without needing to migrate them.

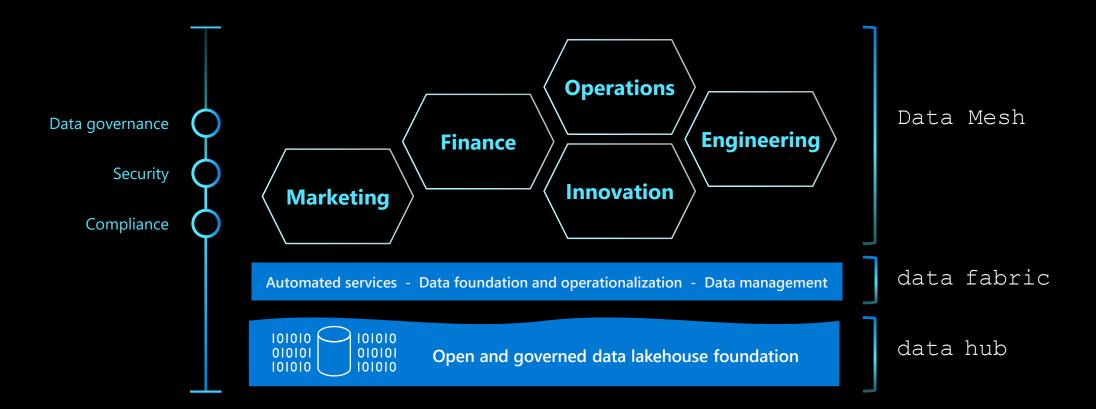


Data hub:

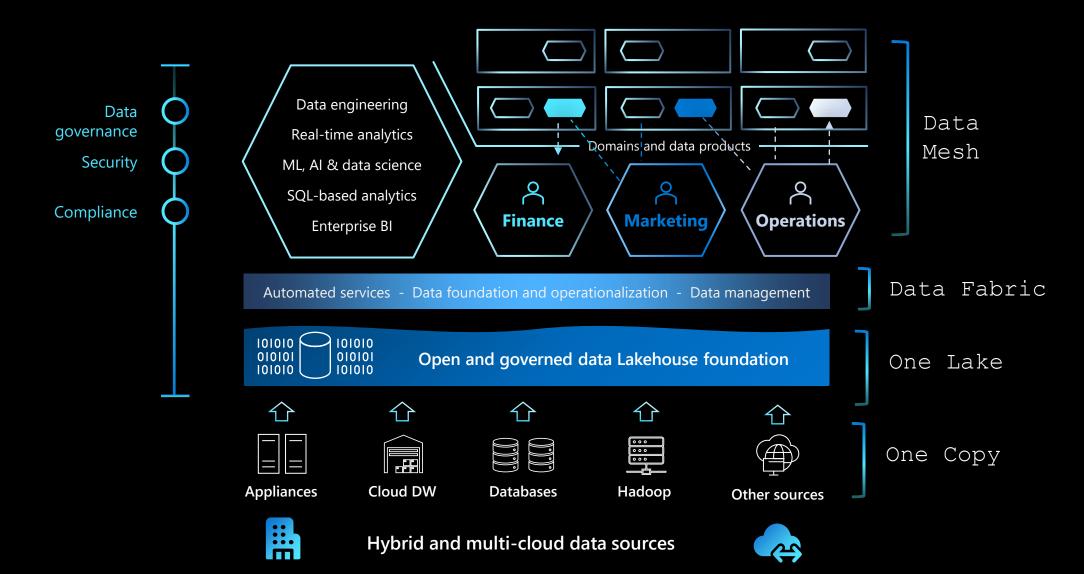
An open and governed lakehouse platform that provides storage foundation for serving data to multiple domains efficiently, so domain users can easily consume it.

A collectively transformative hybrid approach

Microsoft hybrid approach to data fabric and data hub

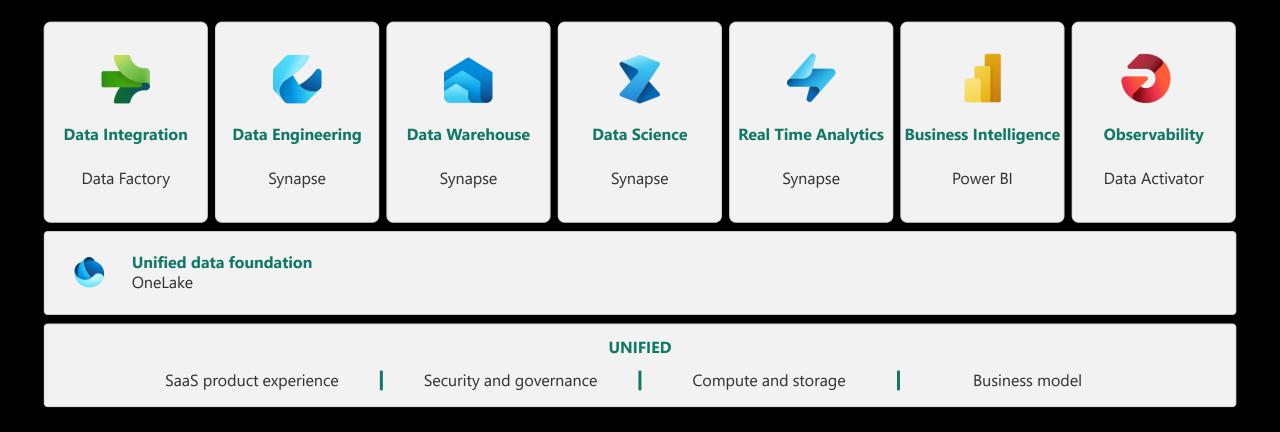


Enable Lines of businesses

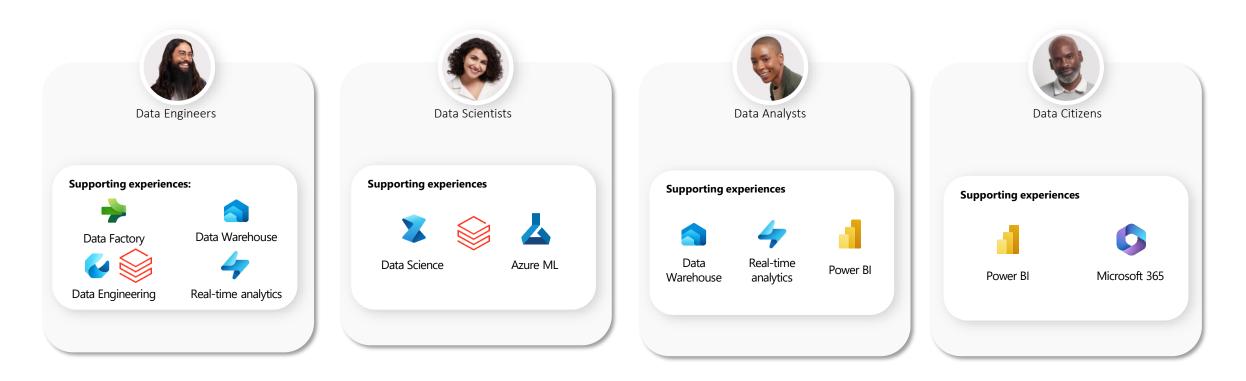


Microsoft's Modern Intelligent Data Platform

An end-to-end analytics platform that brings together all the data and analytics tools that organizations need to go from the data lake to the business user



Enabling every Data Professional





Microsoft Intelligent Data Platform Demo

Unified Data Governance with Microsoft Purview

Ó **Microsoft Purview APPS** Chief Data Officers Data Engineers and SMEs **Data Producers Chief Privacy** റ് റ റ റ and Consumers Officers GA Preview ISV GA Preview Preview Preview Data Estate **Data Sharing** Data Privacy Data Catalog Data Quality **Data Policy** Master Data Insights PLATFORM Data Map = data assets | lineage | classifications | business context **Data Discovery & Classification Service**