



# Webinar on Building a Central Statistical Data Warehouse Doha, 17 May 2022

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الدوحة، 17 مايو 2022



# A Unified Analytics Platform with All Your Data



# Speaker

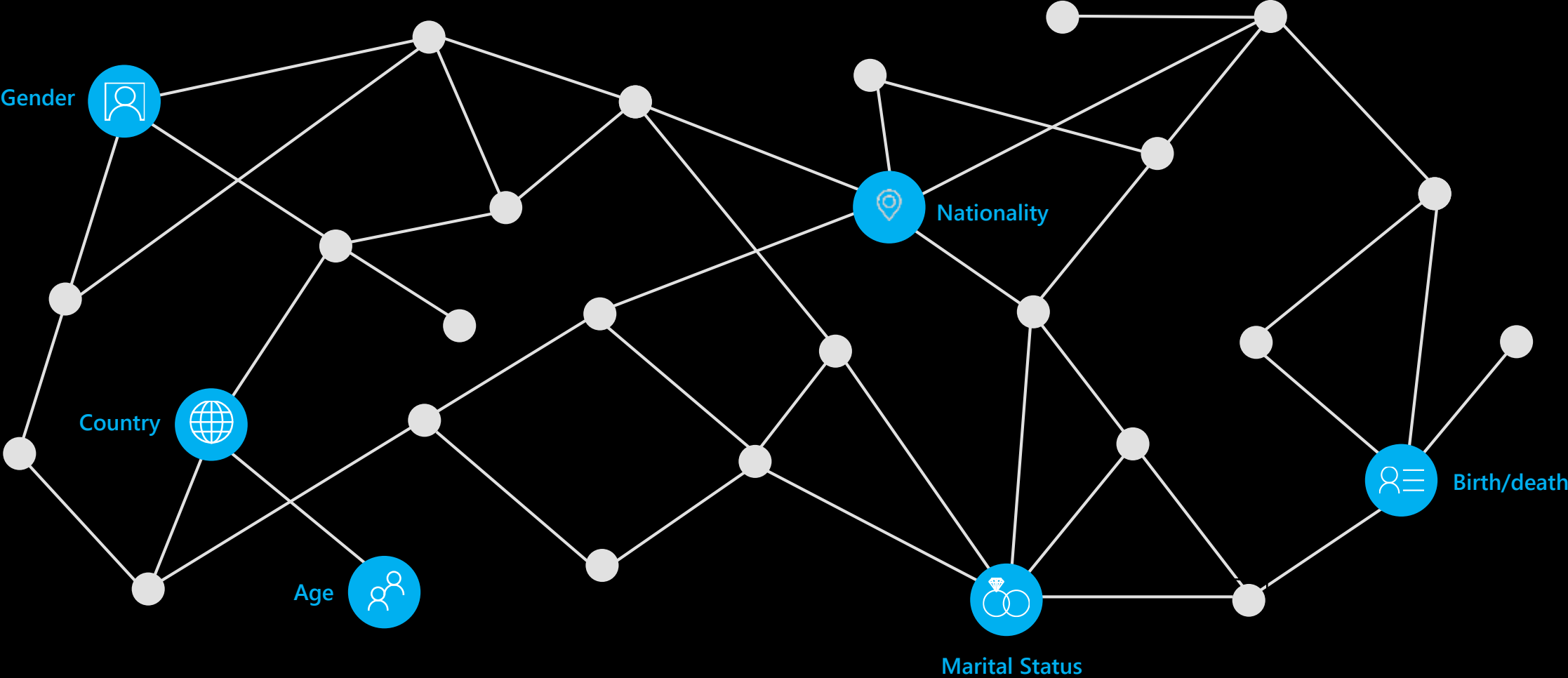


**Mirna Malaeb**

Data & AI Specialist  
Microsoft Qatar

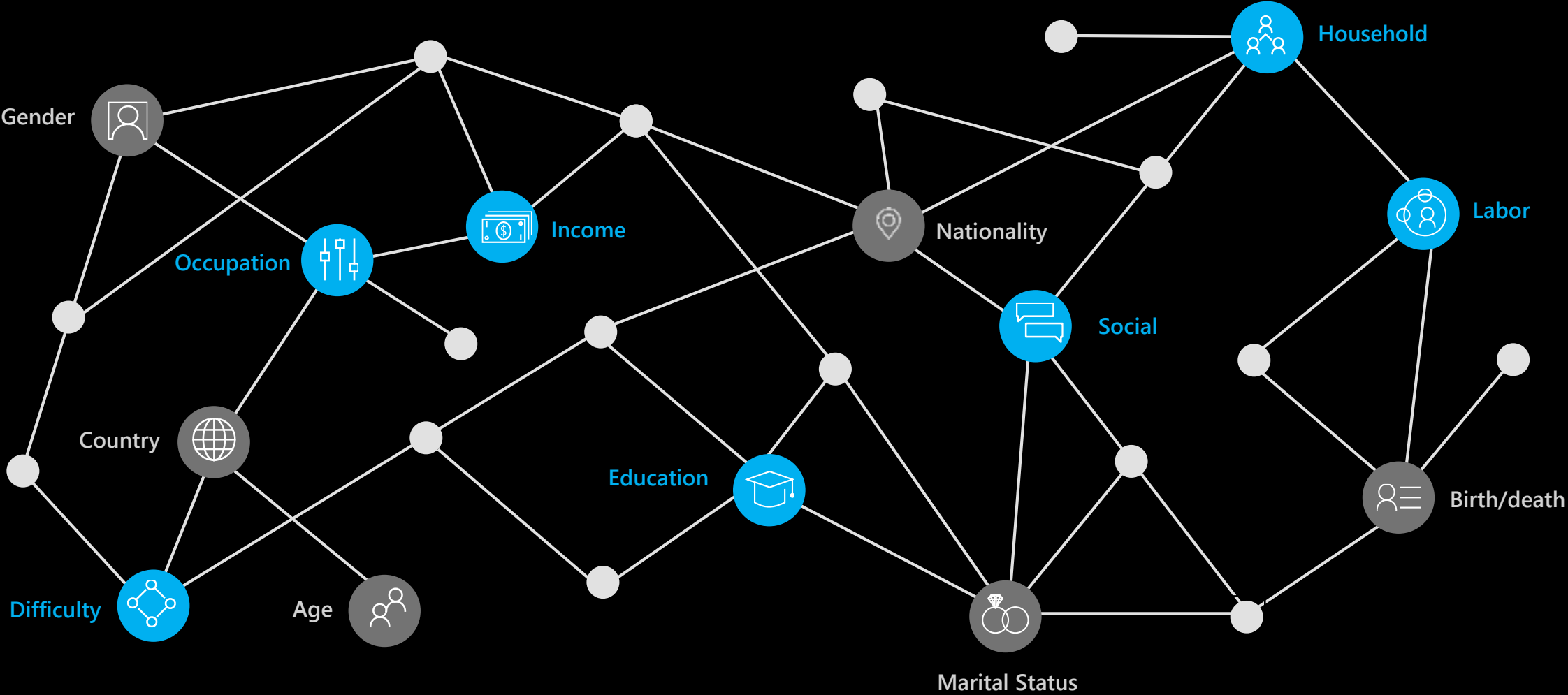
# PSA Citizen Data Domains

## Human



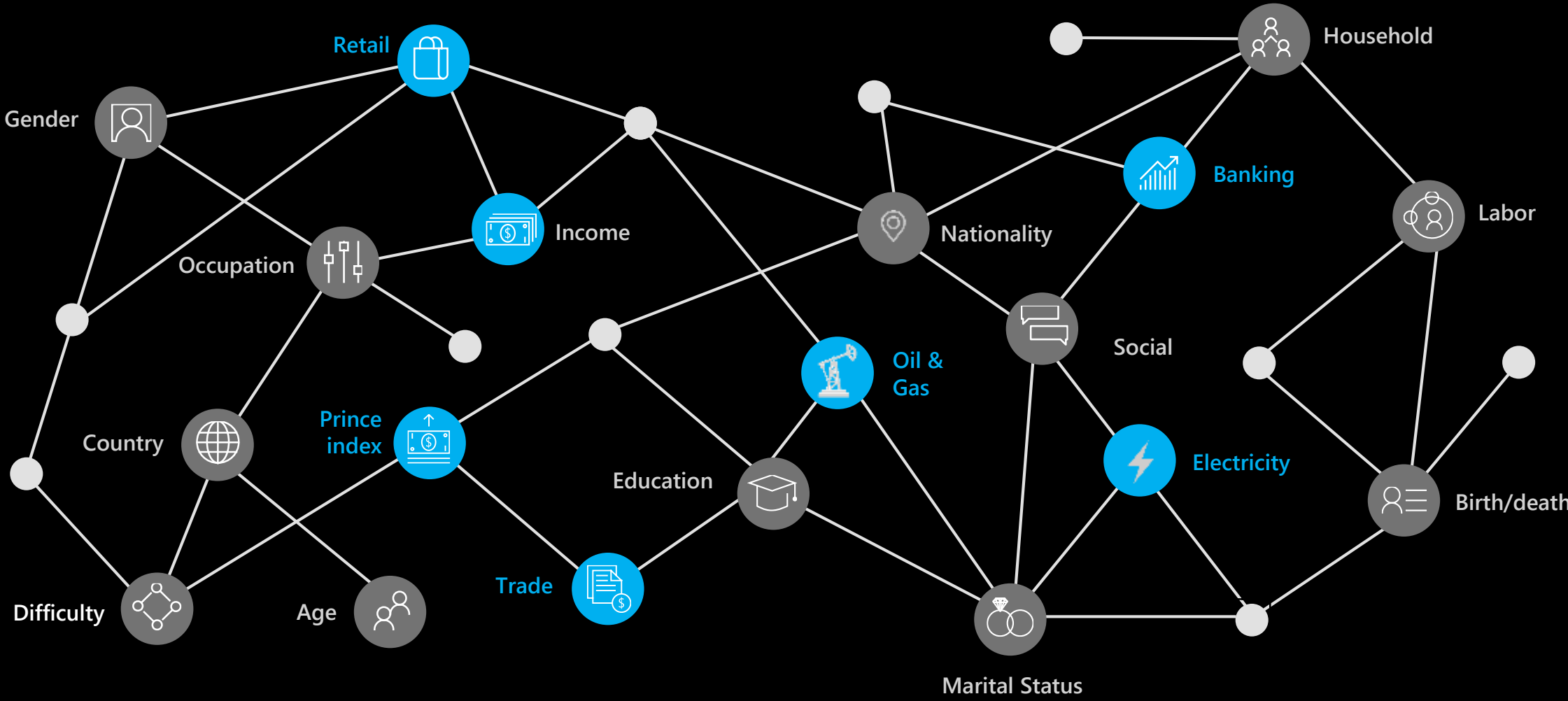
# PSA Citizen Data Domains

Human + Social



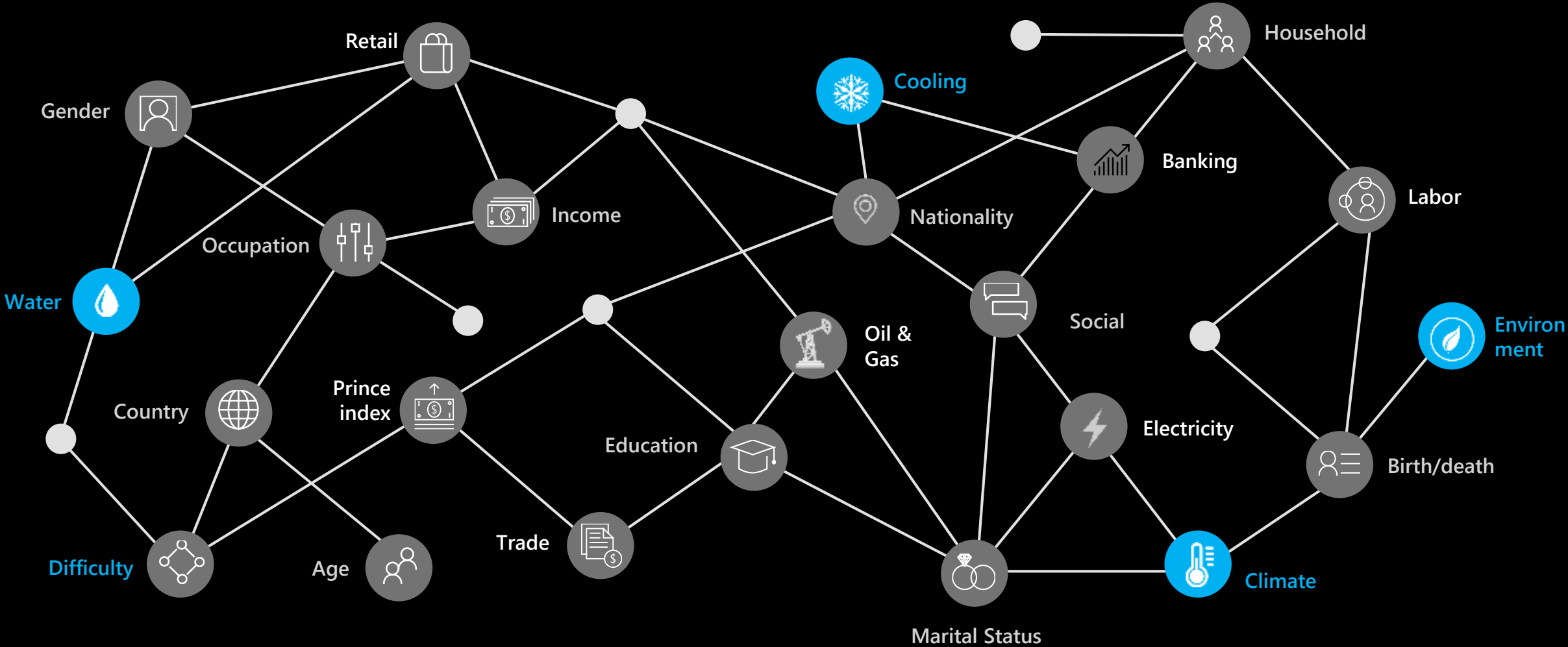
# PSA Citizen Data Domains

Human + Social + Economic



# PSA Citizen Data Domains

Human + Social + Economic + Environment



# Organization Current Challenges in Data Dissemination

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Data silos



Incongruent  
data types



Data accessibility  
constraints



Slow time to  
market



Performance  
constraints



Complexity of  
solutions



Rising costs



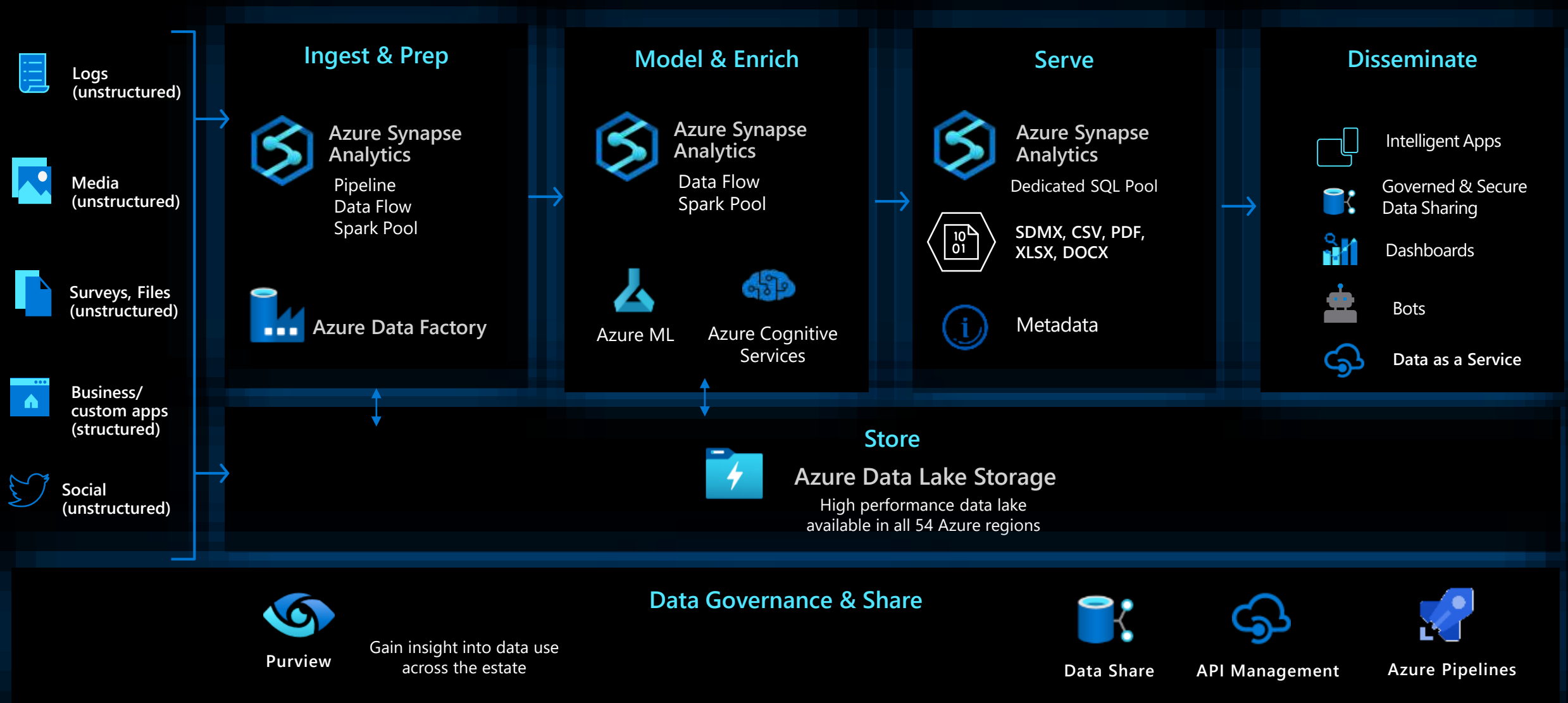
# How Microsoft Data Platform is Helping



On-premises, hybrid, Azure

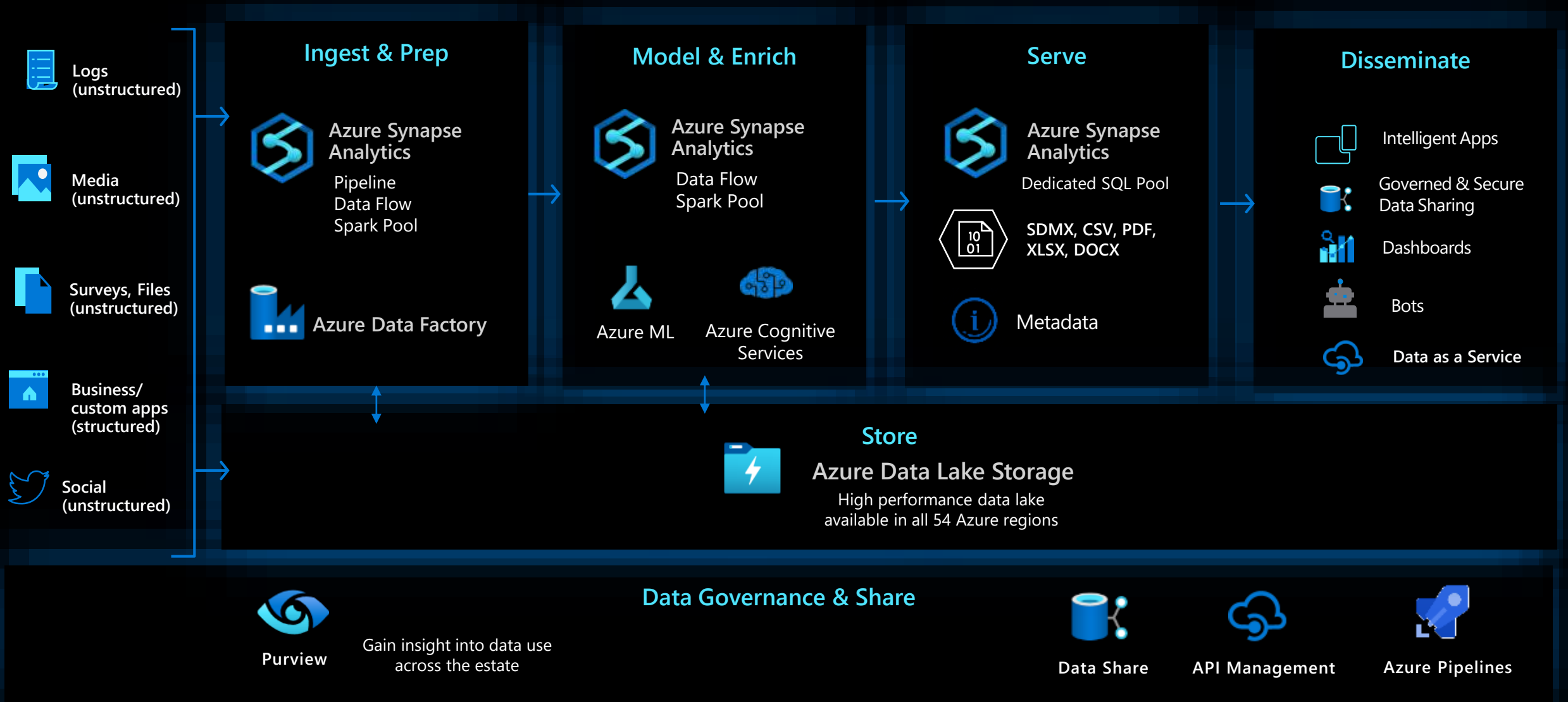
# Microsoft Approach towards a Modern Data Platform

Limitless data warehouse with unmatched time to insights



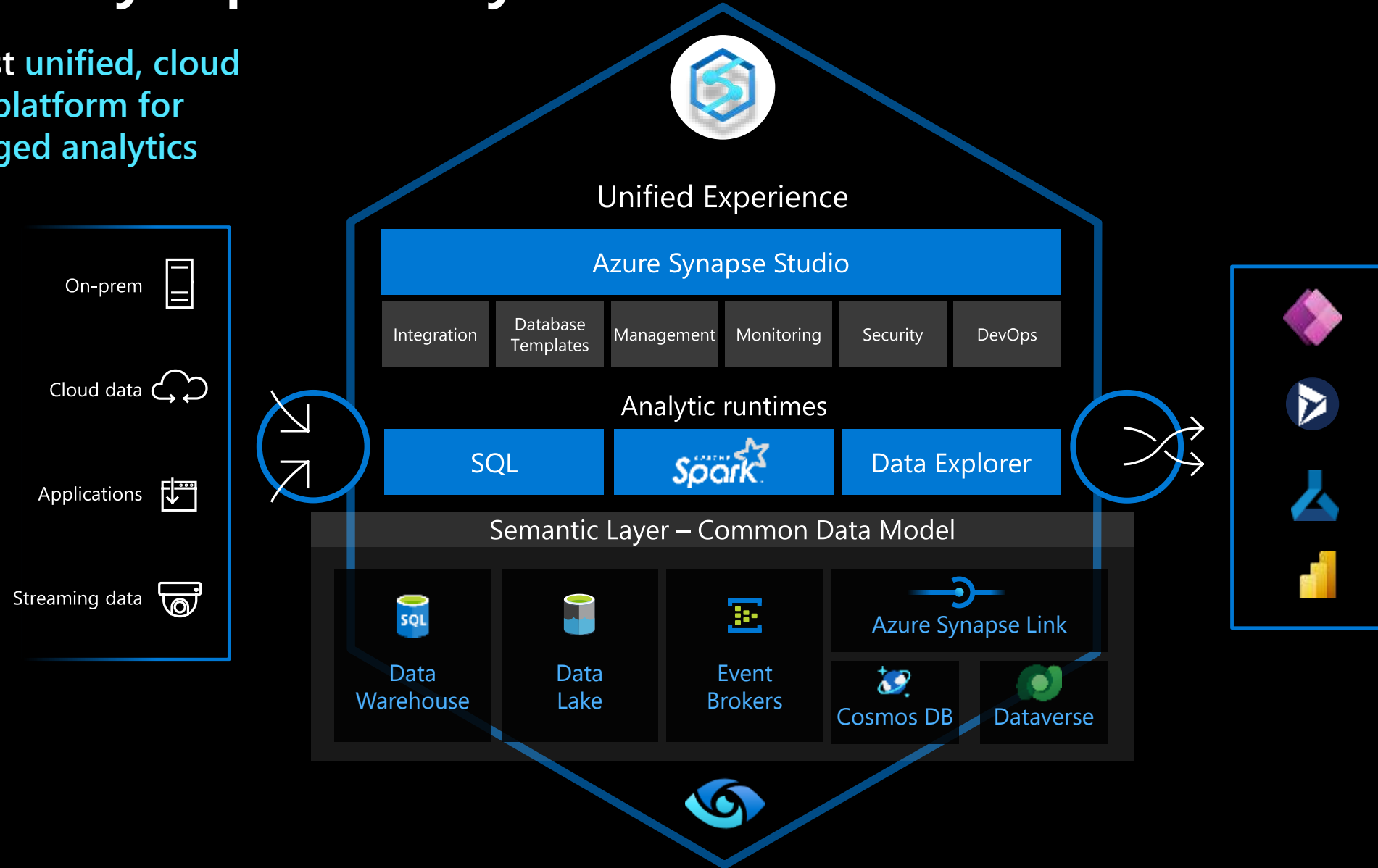
# Microsoft Approach towards a Modern Data Platform

Limitless data warehouse with unmatched time to insights



# Azure Synapse Analytics does it all

The first unified, cloud native platform for converged analytics



# Azure Synapse



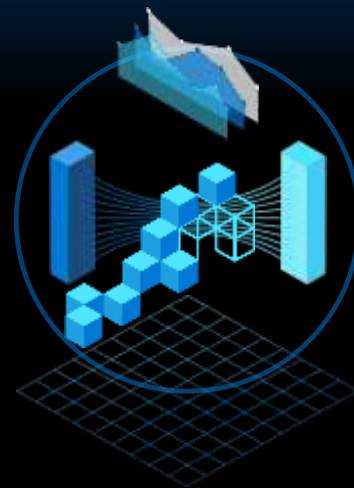
LIMITLESS  
SCALE



POWERFUL  
INSIGHTS



UNIFIED  
EXPERIENCE



CONVERGED  
ANALYTICS



UNMATCHED  
SECURITY

# Roadmap towards Dissemination Platform

Build a centralized platform for data dissemination



Data as-a-service



AI Planning



Security & Governance

Data Monetization

# How Data Monetization helps

Building AI planning engine for planning , prediction and what-if scenarios



## Human Development

- What is the effect of immigration policies on demographic decomposition?
- ...



## Social Development

- Predict number of new physicians and nurses needed
- How many new schools to open and where?
- ....



## Economic Development

- Predict water and electricity consumption & production
- What is the effect of increased economic activity over required workforce?
- ...



## Environmental Development

- Predict climate changes
- Predict water supply & demand
- ...