

How to become a data centric organization

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A woman with short dark hair and glasses, wearing a blue button-down shirt, is seated at a desk in an office. She is looking at a computer monitor which displays a data visualization, possibly a map or a network diagram. Her right hand is on a laptop keyboard, and her left hand is resting on a desk near a pair of headphones. In the background, another person is blurred, working at a desk. A blue oval callout in the top right corner identifies her as Alice, a Data Analyst.

Alice – Data Analyst

Alice – Data Engineer















Just use AI





Sally – Data Scientist









Today's data realities

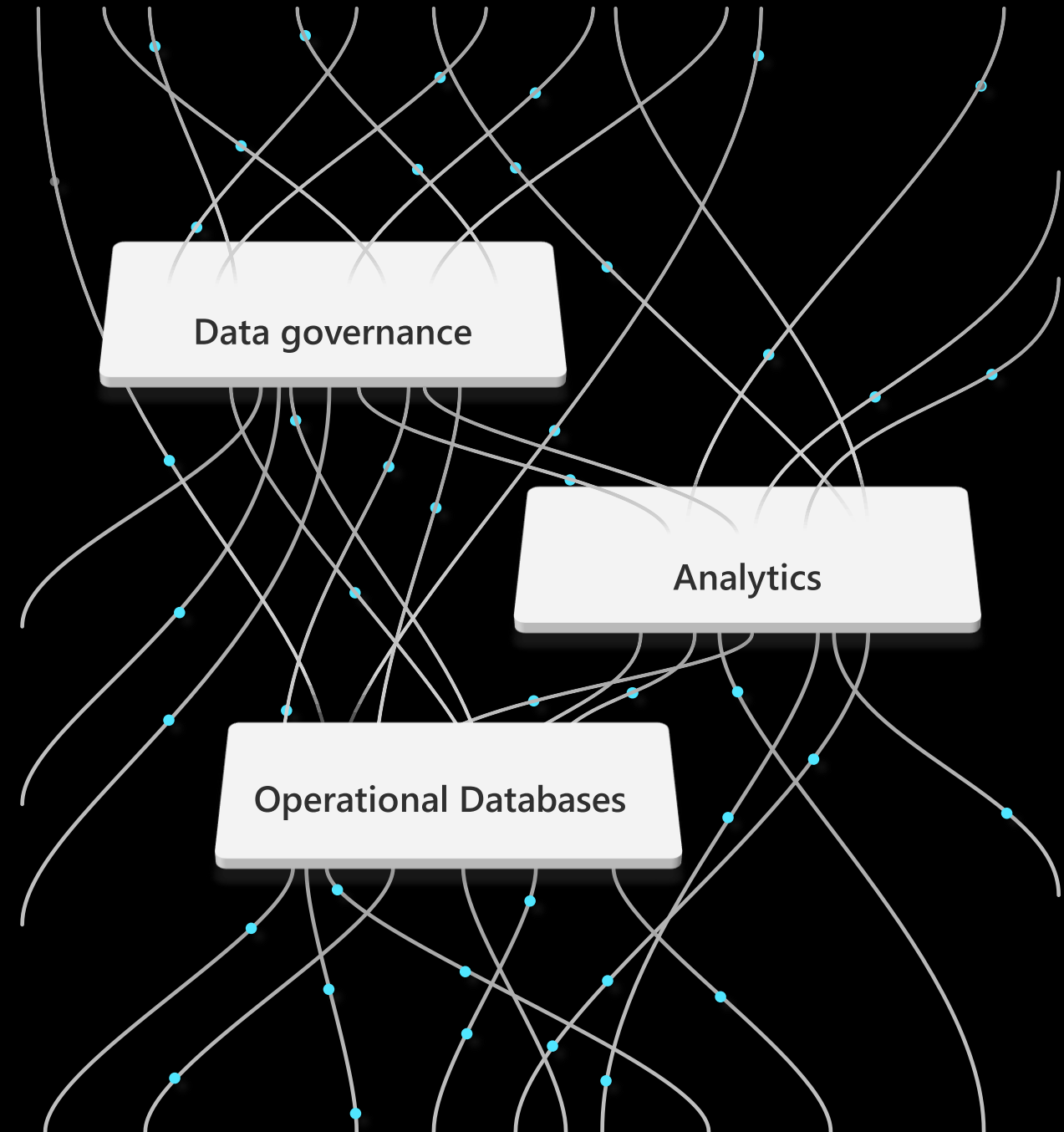
What **data** do I have?

Is it **trustworthy**?

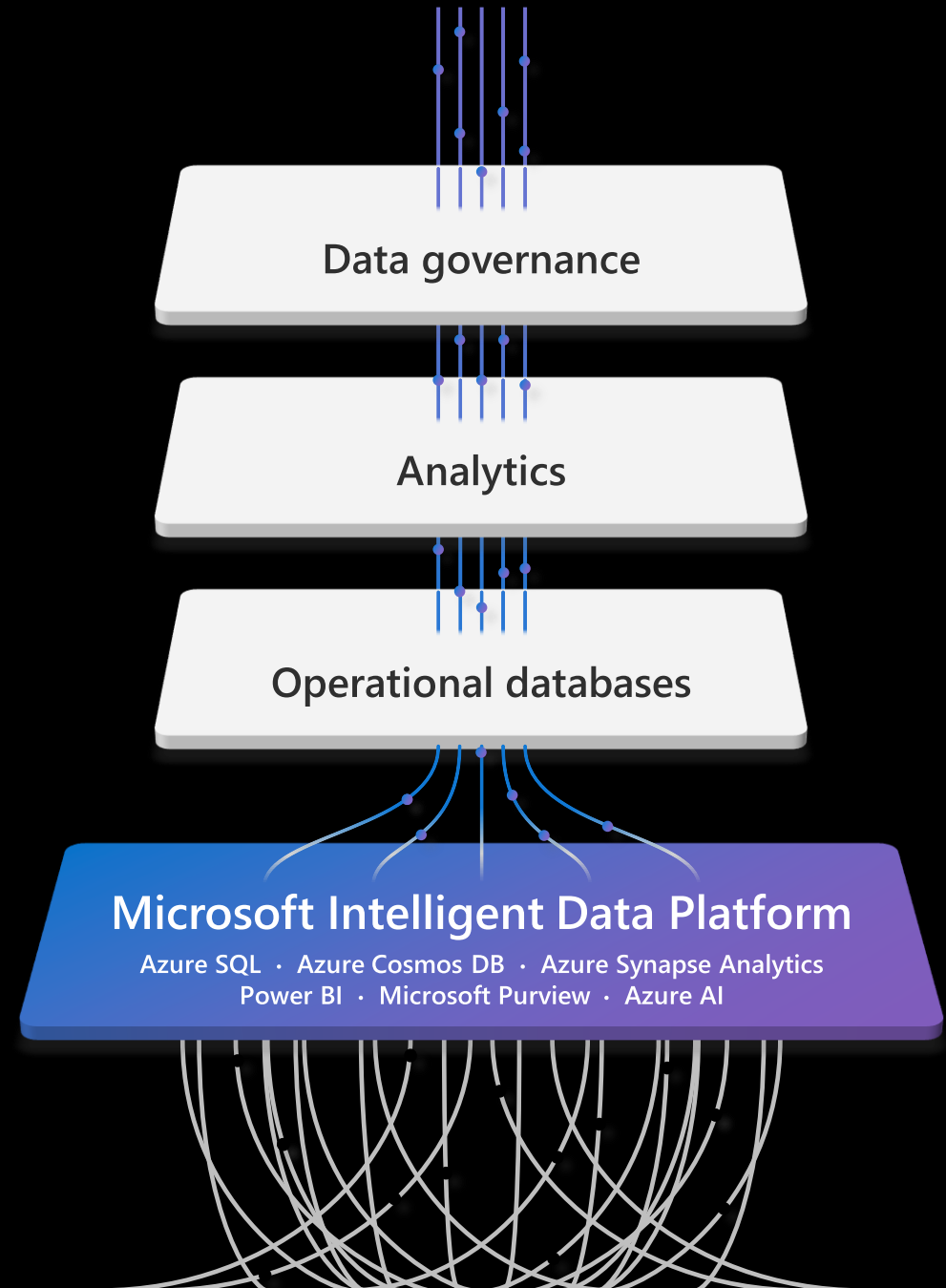
Can people **access the data** needed
to make the right decisions?

How can I **enable faster**
business insights?

What's my **compliance exposure**?



Introducing Microsoft Intelligent Data Platform



Microsoft Intelligent Data Platform



Accelerate
innovation



Achieve agility



Build on a
trusted platform

Microsoft Purview

Unified Data Governance



Create a unified map of your data across hybrid data sources

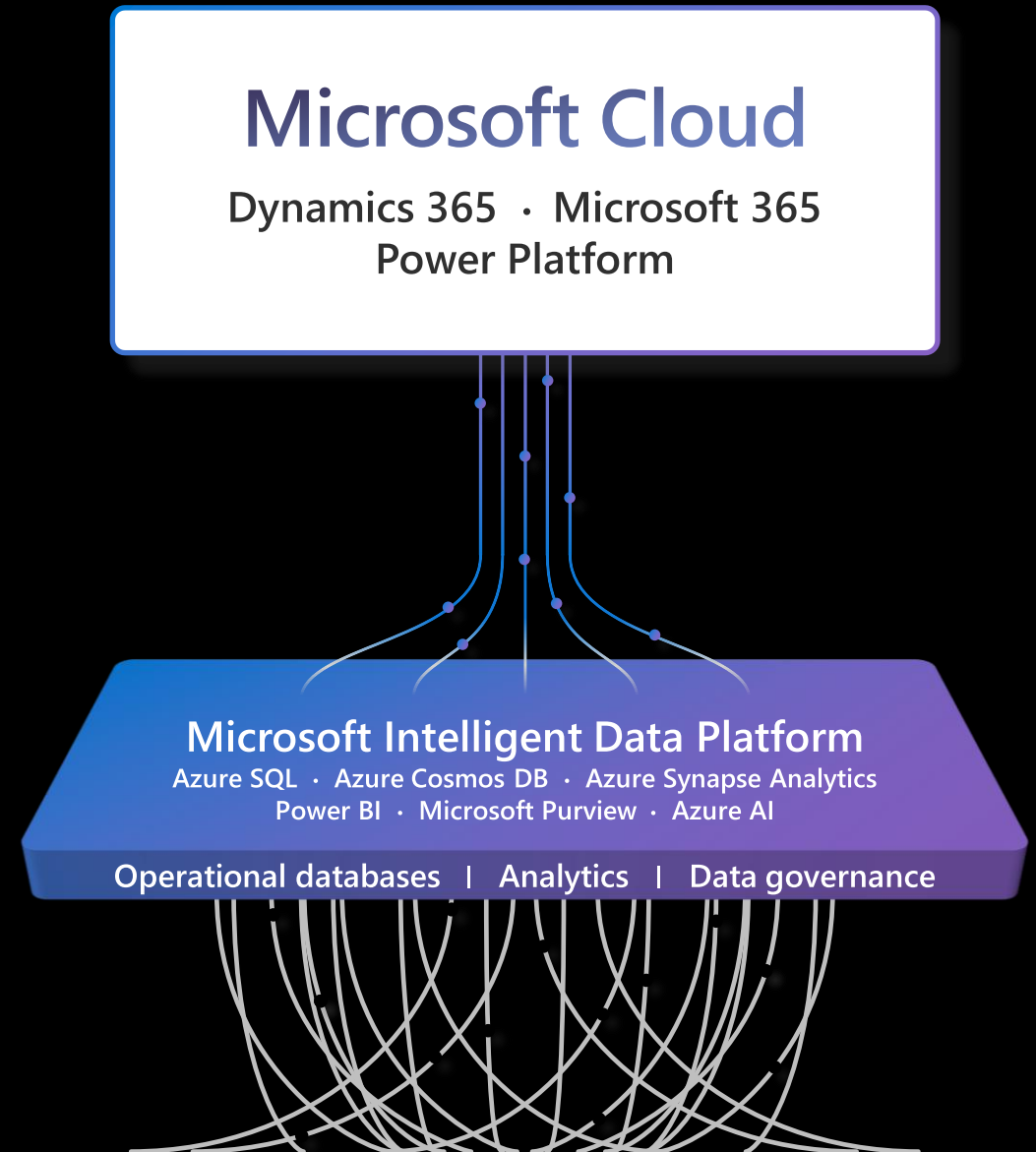


Discover data that powers business insights



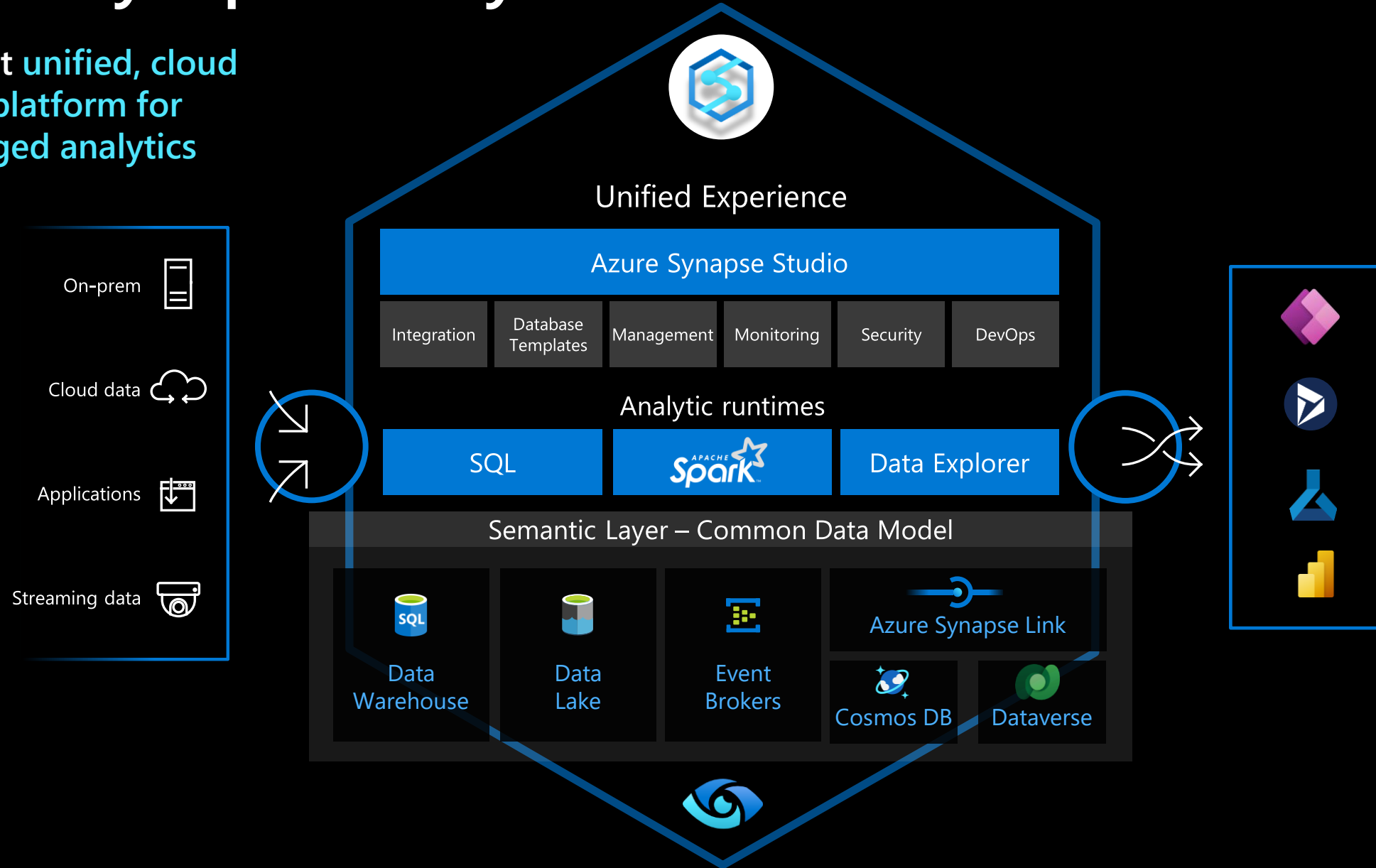
Gain insight into sensitive data across your organization

Transform with the Microsoft Cloud



Azure Synapse Analytics does it all

The first unified, cloud native platform for converged analytics



Azure Synapse Analytics

Artificial Intelligence / Machine Learning / Internet of Things
Intelligent Apps / Business Intelligence

Synapse Analytics

Experience

Synapse Analytics Studio

Platform

MANAGEMENT

SECURITY

MONITORING

METASTORE

Languages

SQL

Python

.NET

Java

Scala

Form Factors

DEDICATED

SERVERLESS

Analytics Runtimes

SQL



DATA INTEGRATION

Azure

Data Lake Storage

Common Data Model
Enterprise Security
Optimized for Analytics

Designed for analytics **workloads at any scale**

SaaS **developer experiences** for code free and code first

Multiple **languages** suited to different analytics workloads

Integrated analytics runtimes available dedicated and serverless

Synapse SQL offering T-SQL for batch, streaming and interactive processing

Apache Spark for big data processing with Python, Scala and .NET

Integrated **platform services** for, management, security, monitoring, and meta-store

Data **lake integrated** and Common Data Model aware

Unified Data Governance with Microsoft Purview

Generally Available

Preview

