



Power BI news & Microsoft Fabric

Lars Andersen
Microsoft

Announcements



Power BI
announcements

Power BI announcements at Build 2023

- Public preview: Power BI Direct Lake mode
- GA: The Azure Analysis Services to Fabric and Power BI Premium Migration Experience
- GA: Optimize ribbon in Power BI Desktop
- GA: Hybrid tables
- GA: Azure Log Analytics for Power BI Datasets
- GA: Azure Maps

AI Powered Copilot

Power BI Copilot videos

- [Copilot in Power BI Overview – YouTube](#)
- [Copilot in Power BI Demo - YouTube](#)

Announcing



Microsoft Fabric

The data platform for the era of AI



Microsoft Fabric

The data platform for the era of AI

Complete Analytics Platform



Microsoft Fabric

The data platform for the era of AI

**Complete
Analytics
Platform**

**Lake Centric
and Open**



Microsoft Fabric

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**Complete
Analytics
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**Lake Centric
and Open**

**Empower Every
Business User**



Microsoft Fabric

The data platform for the era of AI

Complete
Analytics
Platform

Lake Centric
and Open

Empower Every
Business User

AI
Powered



Microsoft Fabric

The data platform for the era of AI

Complete Analytics Platform

Everything, unified

SaaS-ified

Secured and governed

Lake centric and open

OneLake

One Copy

Open at every tier

Empower Every Business User

Familiar and intuitive

Built into Microsoft 365

Insight to action

AI Powered

Copilot accelerated

ChatGPT on your data

AI driven insights



Microsoft Fabric

The unified data platform for the era of AI



Data
Factory



Synapse Data
Engineering



Synapse Data
Science



Synapse Data
Warehousing



Synapse Real
Time Analytics



Power BI



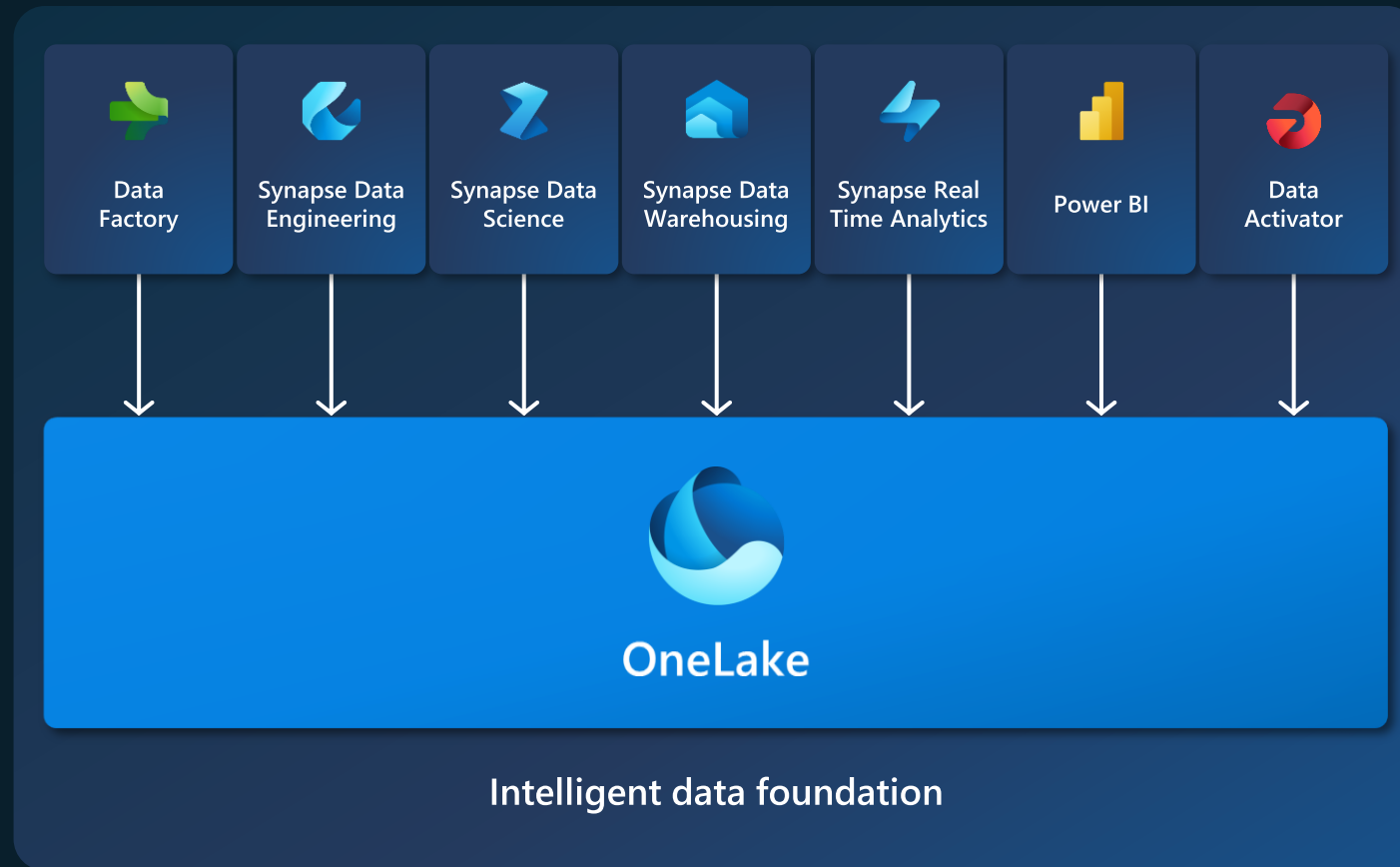
Data
Activator



OneLake

OneLake for all Data

“The OneDrive for Data”



A single SaaS lake for the whole organization

Provisioned automatically with the tenant

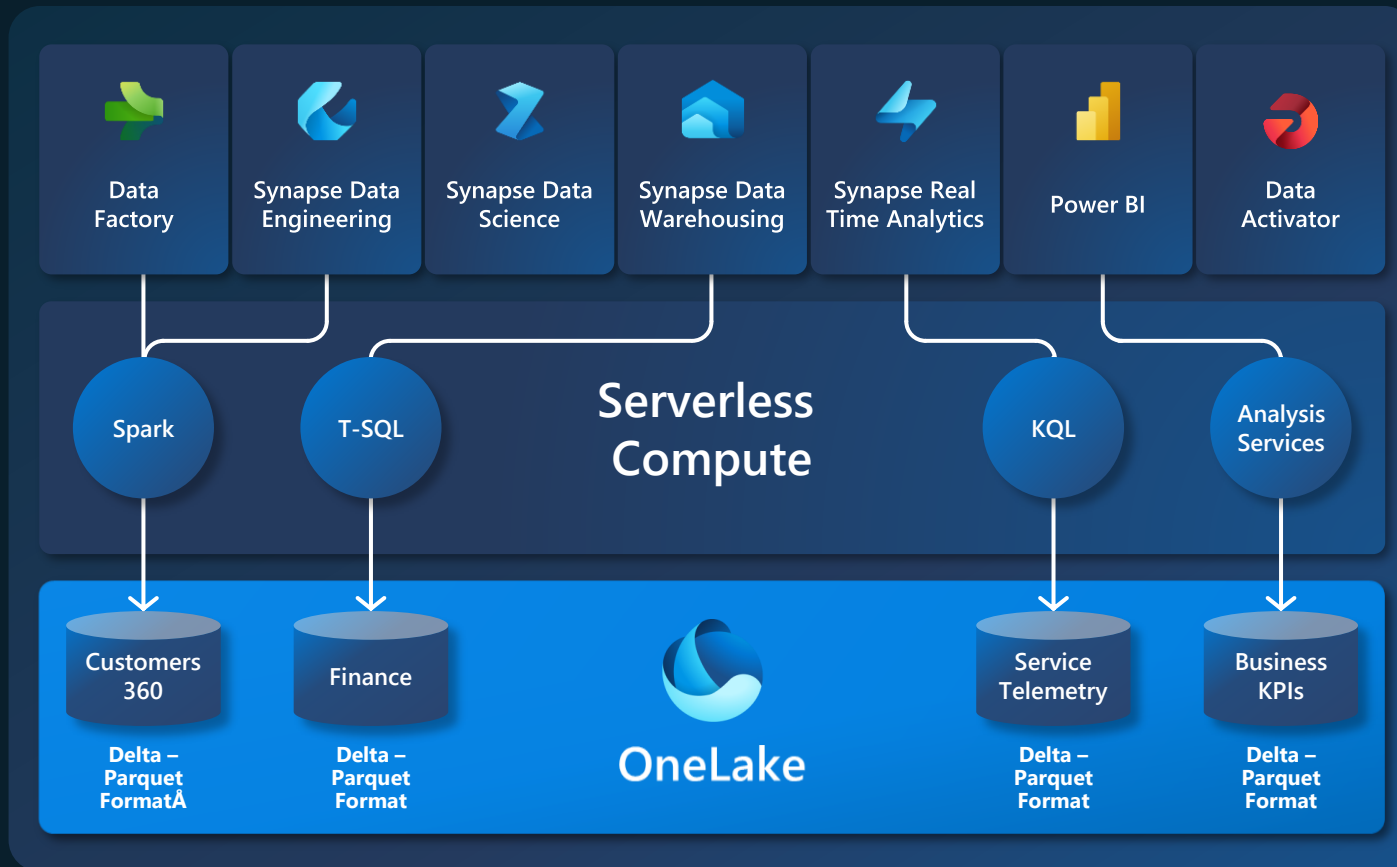
All workloads automatically store their data in the OneLake workspace folders

All the data is organized in an intuitive hierarchical namespace

The data in OneLake is automatically indexed for discovery, MIP labels, lineage, PII scans, sharing, governance and compliance

One Copy for all computes

Real separation of compute and storage



All the compute engines store their data automatically in OneLake

The data is stored in a single common format

Delta – Parquet, an open standards format, is the storage format for all tabular data in Analytics vNext

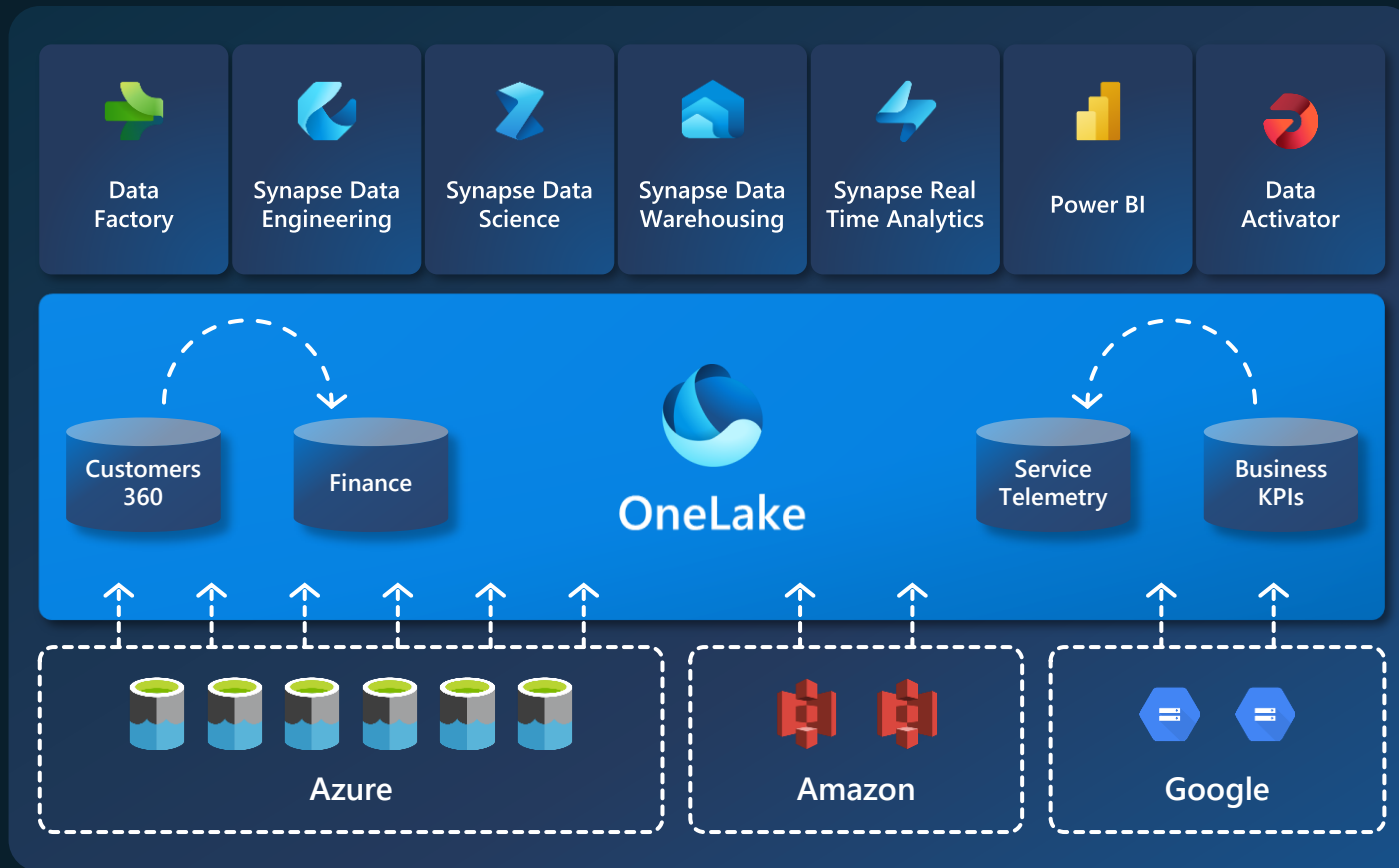
Once data is stored in the lake, it is directly accessible by all the engines without needing any import/export

All the compute engines have been fully optimized to work with Delta Parquet as their native format

Shared universal security model is enforced across all the engines

Taking One Copy to the Next Level

Shortcuts



Sharing data in OneLake is as easy as sharing files in OneDrive, removing the needs for data duplication

With **shortcuts**, data throughout OneLake can be composed together without any data movement

Shortcuts also allow instant linking of data already existing in Azure and in other clouds, without any data duplication and movement, making **OneLake the first multi-cloud data lake**

With support for industry standard APIs, OneLake data can be directly accessed by any application or service

Fabric Short video

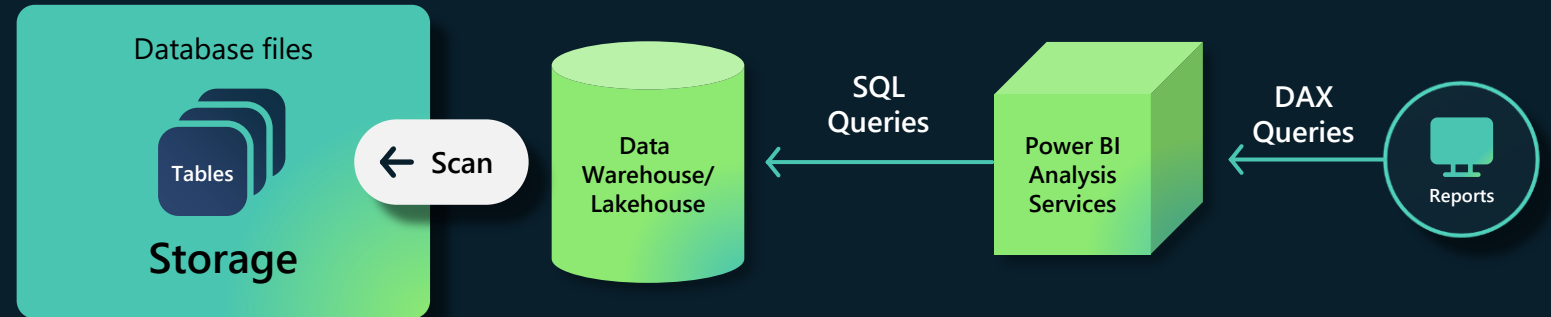
- [Data analytics for the era of AI \(microsoft.com\)](#) starting at 23:25
- (I recommend watching the entire video 😊)

Direct Lake

Using the open standard Delta Lake/Parquet format for all Fabric artefacts, users enjoy incredible performance for interactive analysis directly against Fabric OneLake, without any data movement

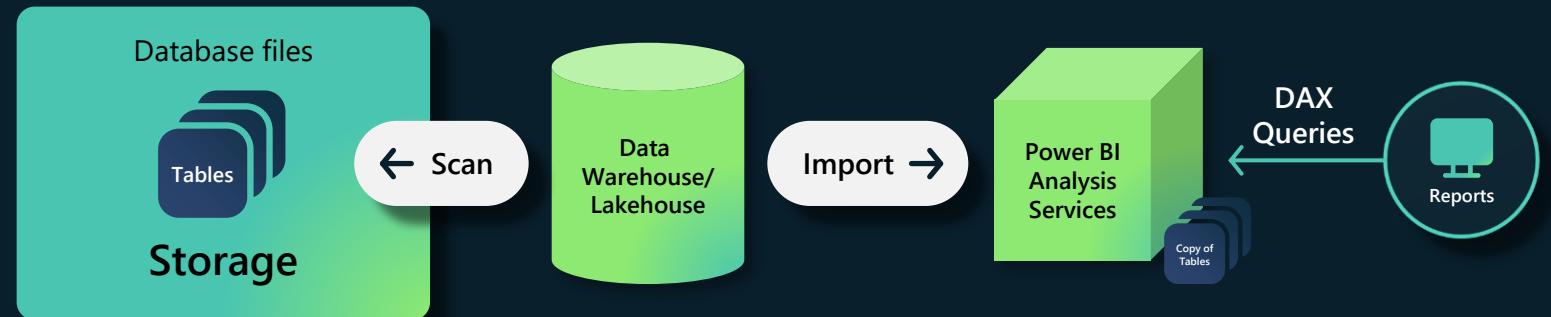
"Direct Query Mode"

Slow, but real time



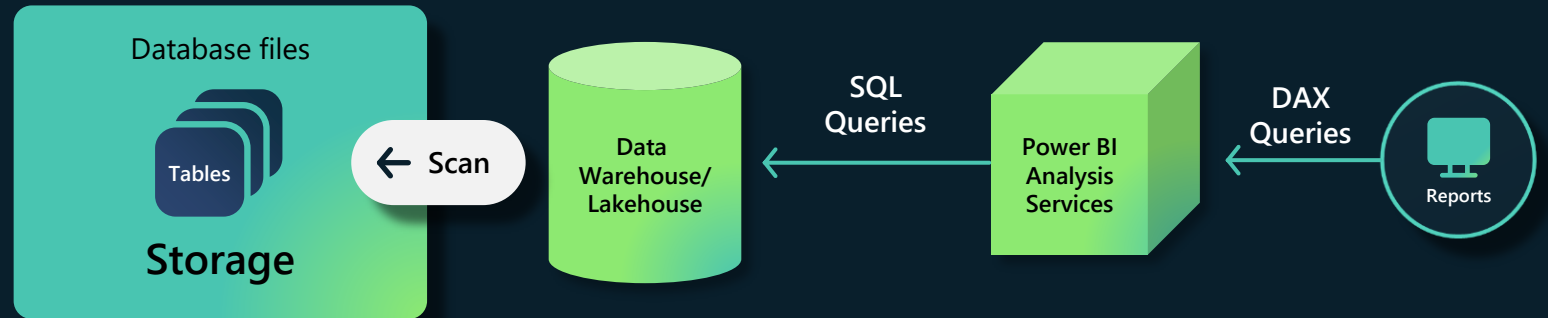
"Import Mode"

Latent & duplicative but fast



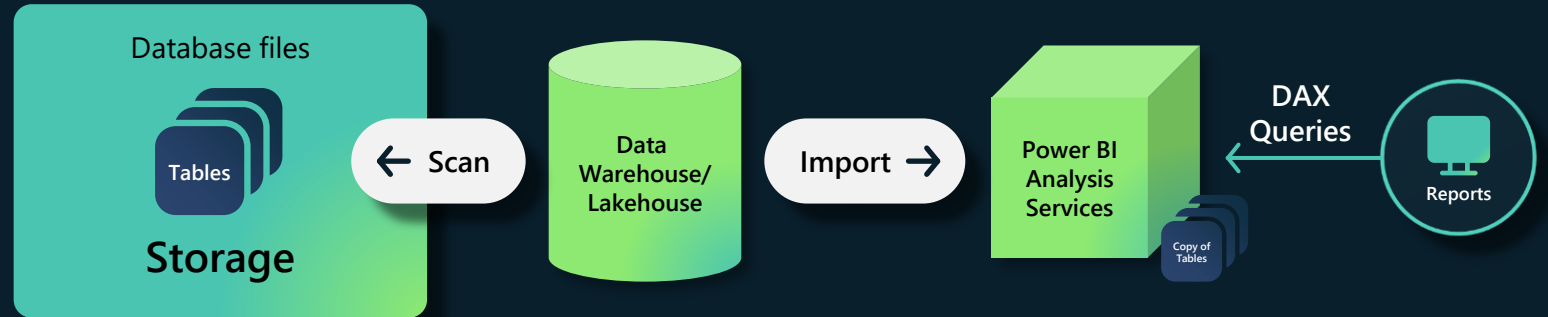
“Direct Query Mode”

Slow, but real time



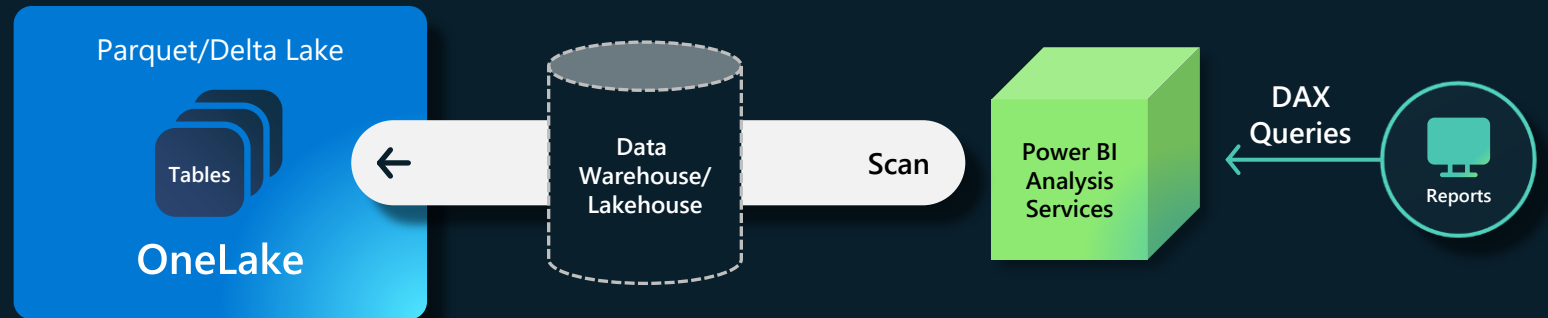
“Import Mode”

Latent & duplicative but fast



“Direct Lake Mode”

Perfect!

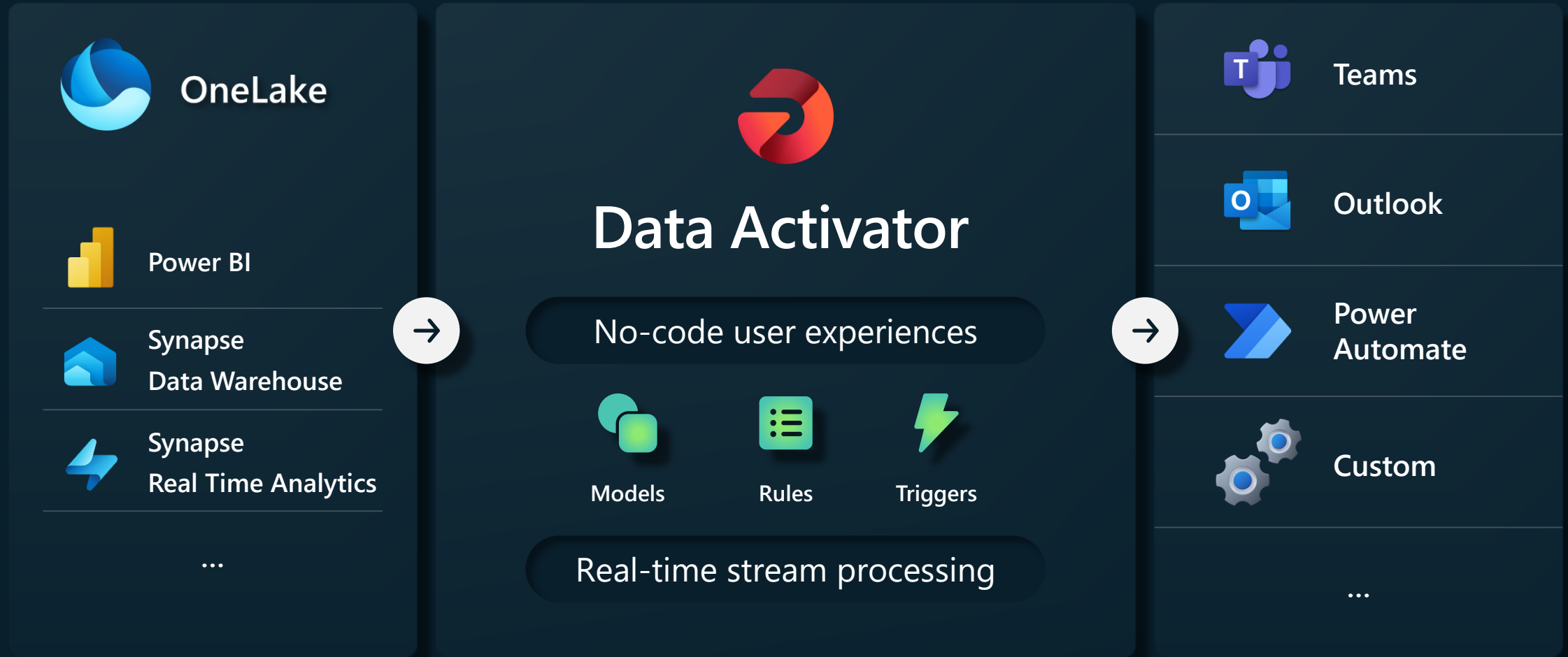


Announcing



Data Activator

Introducing Data Activator



AI Powered Copilot

Fabric Short video

- [Data analytics for the era of AI \(microsoft.com\)](#) starting at 35:58
- (I recommend watching the entire video 😊)