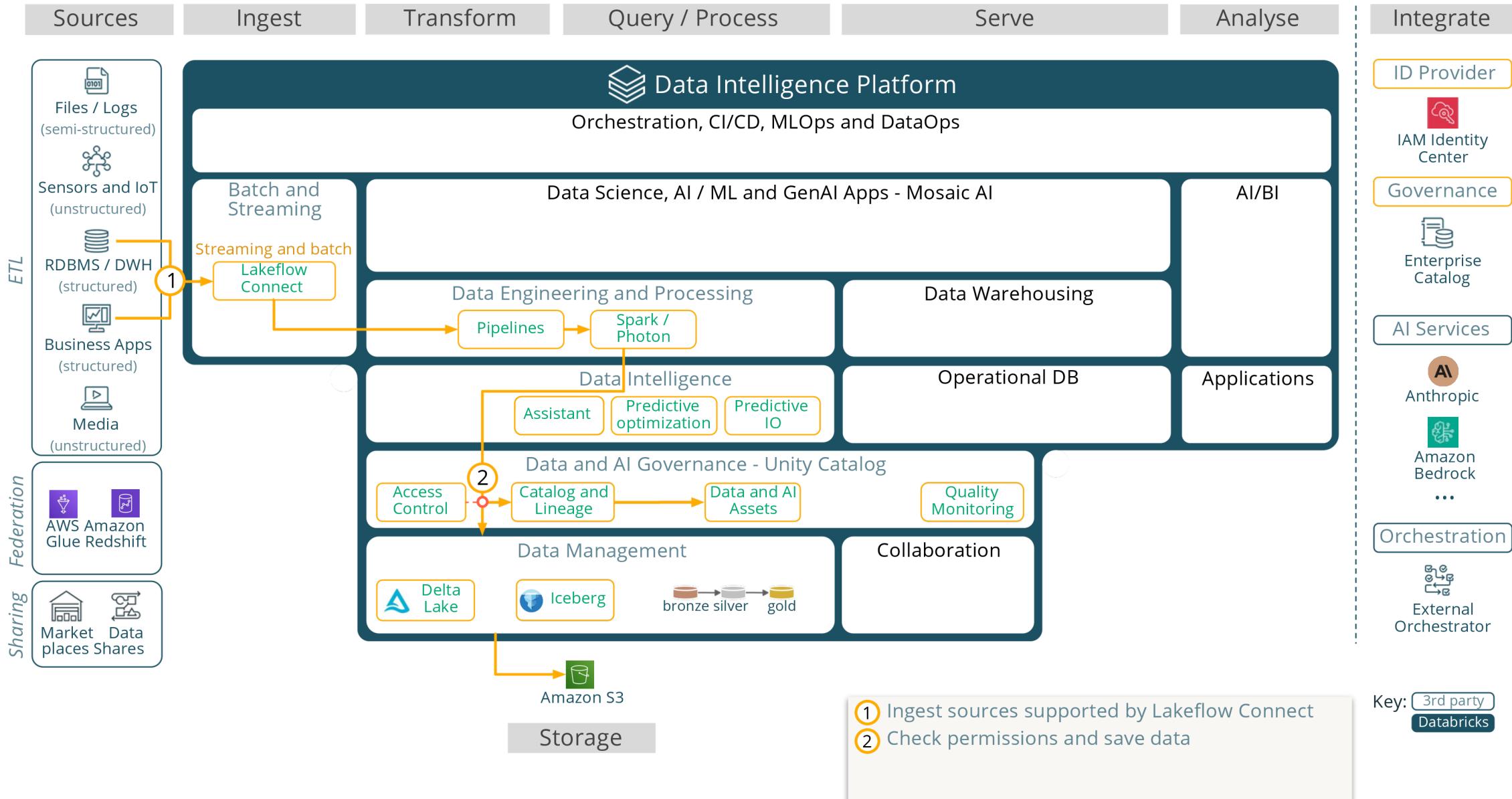


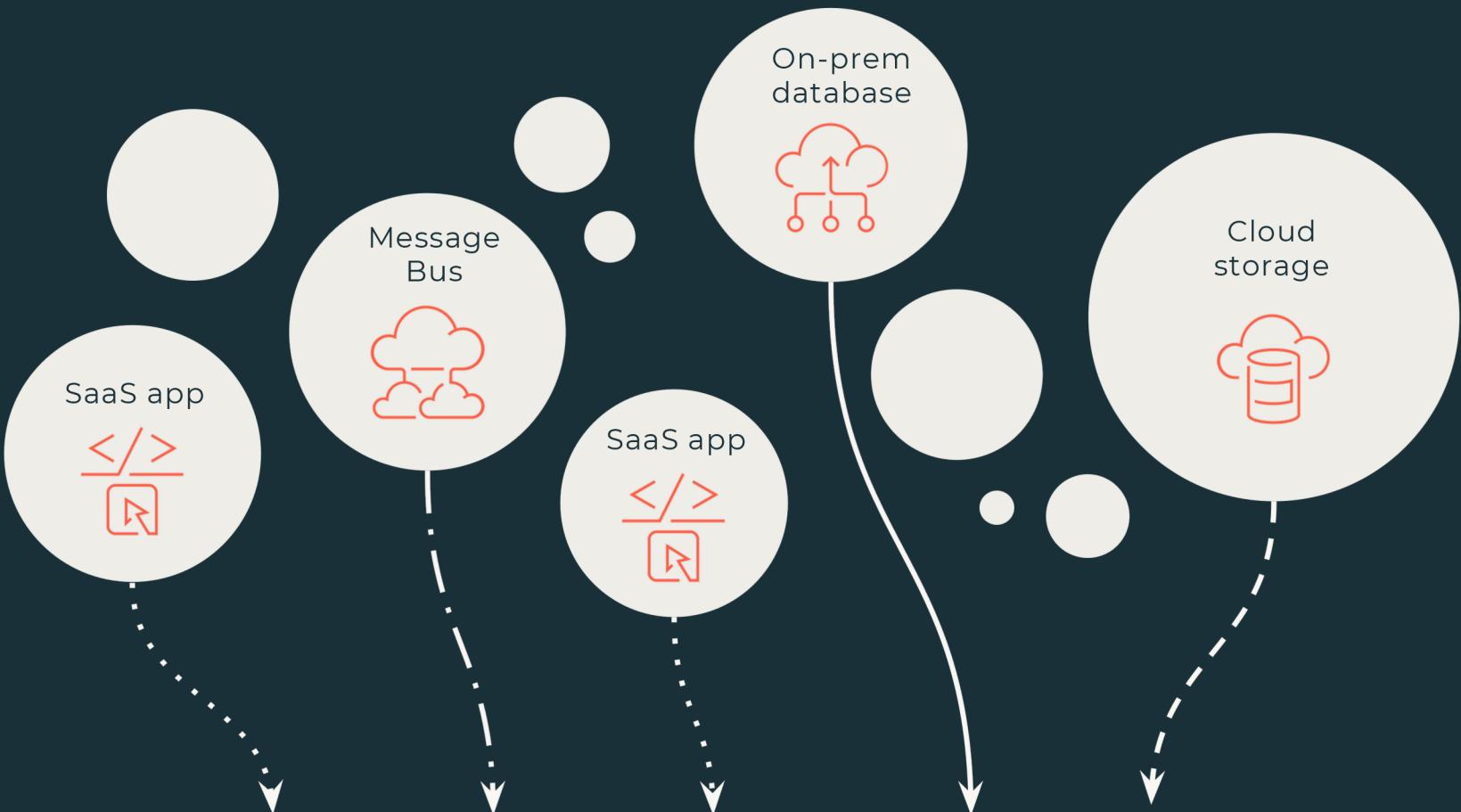


# Lakeflow Connect

## Simple Ingestion Connectors

# 1 Built in Ingestion from SaaS and Databases





Data Platform



# Today's problems



Inefficiencies in data ingestion.



Dependencies on specialized teams.

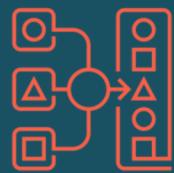


Patchwork solutions with limited governance.



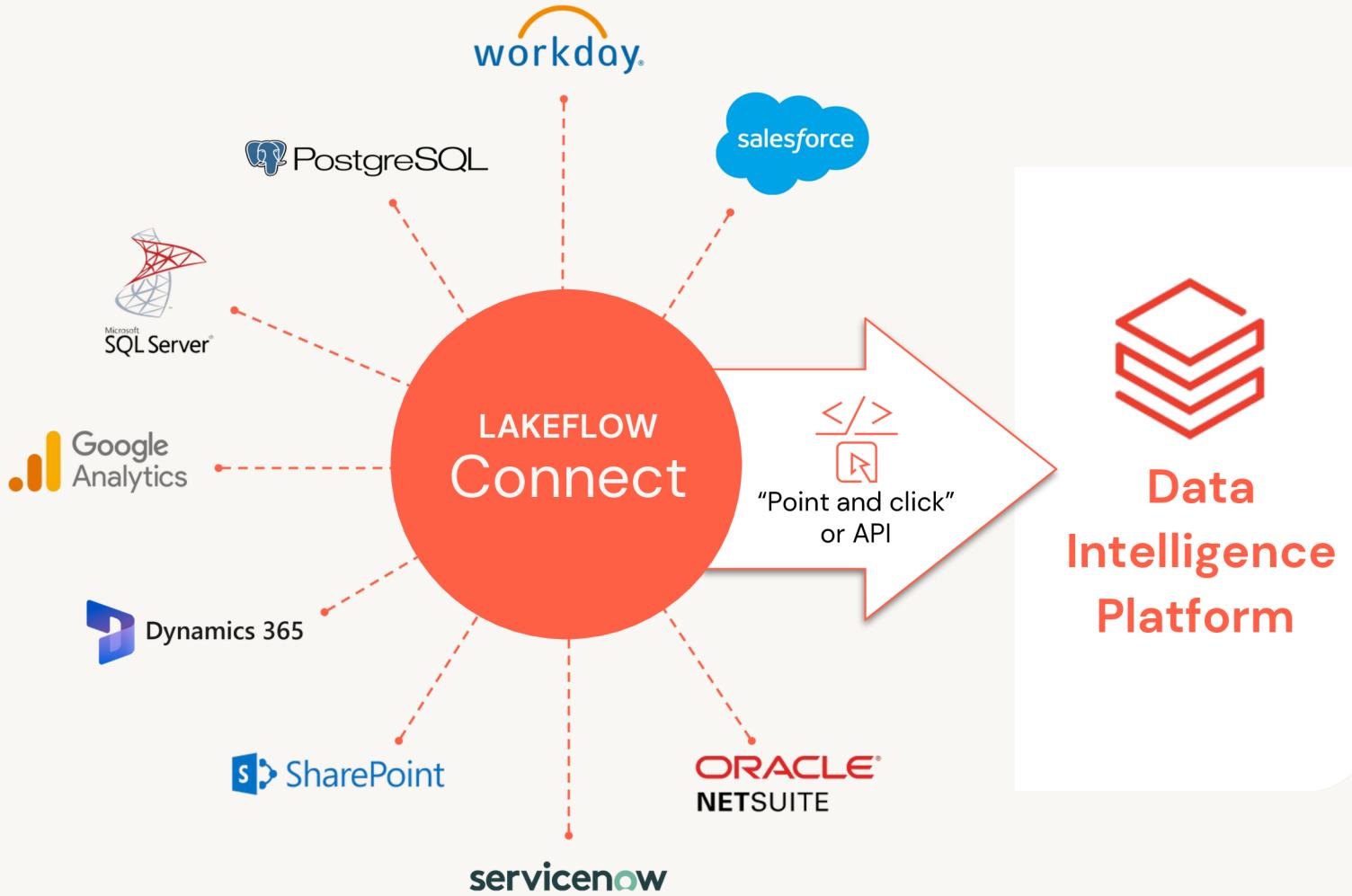
- **High Costs;**  
slow time to value
- **Low Productivity;**  
siloed ownership
- **Underutilized Data;**  
security risks

# INGEST



# LAKEFLOW Connect

Efficient data ingestion  
Into your lakehouse



# Lakeflow Connect



**Simple** and low-maintenance



**Unified** with the lakehouse



**Efficient** end-to-end



# Lakeflow Connect



**Simple and low-maintenance**



Fewer headaches, quicker time to value, democratized data



**Unified with the lakehouse**



**Efficient end-to-end**

# Lakeflow Connect



**Simple and low-maintenance** ➔

- Schema evolution
- Observability and alerts
- Retries and error handling
- Schema mapping
- Data sampling
- SCD type 2
- Simple UI and API

...



**Unified with the lakehouse**



**Efficient end-to-end**

# Lakeflow Connect



**Simple and low-maintenance**



**Unified with the lakehouse**



**Secure and healthy pipelines that live where you do your work**



**Efficient end-to-end**

# Lakeflow Connect



**Simple and low-maintenance**



**Unified with the lakehouse**



- Unity Catalog
- Workflows
- RAG Studio
- Single interface for pipelines
- Single account for ingestion ...



**Efficient end-to-end**

# Lakeflow Connect



**Simple** and low-maintenance



**Unified** with the lakehouse



**Efficient** end-to-end



Lower costs, better performance,  
better scalability

# Lakeflow Connect



**Simple** and low-maintenance



**Unified** with the lakehouse



**Efficient** end-to-end



- Incremental reads
- Incremental writes
- Incremental transformations

...

# Lakeflow Connect: current release status

## Applications



GA



GA



Public Preview



Private Preview



Private Preview



In development

*...more to come*

## File sources



GA



GA



GA



Private Preview



In development

*...more to come*

## Databases



Public Preview



In development



Roadmap



Roadmap



Roadmap



Roadmap

*...more to come*

# What is a connector?

UC connection  
to store credentials securely

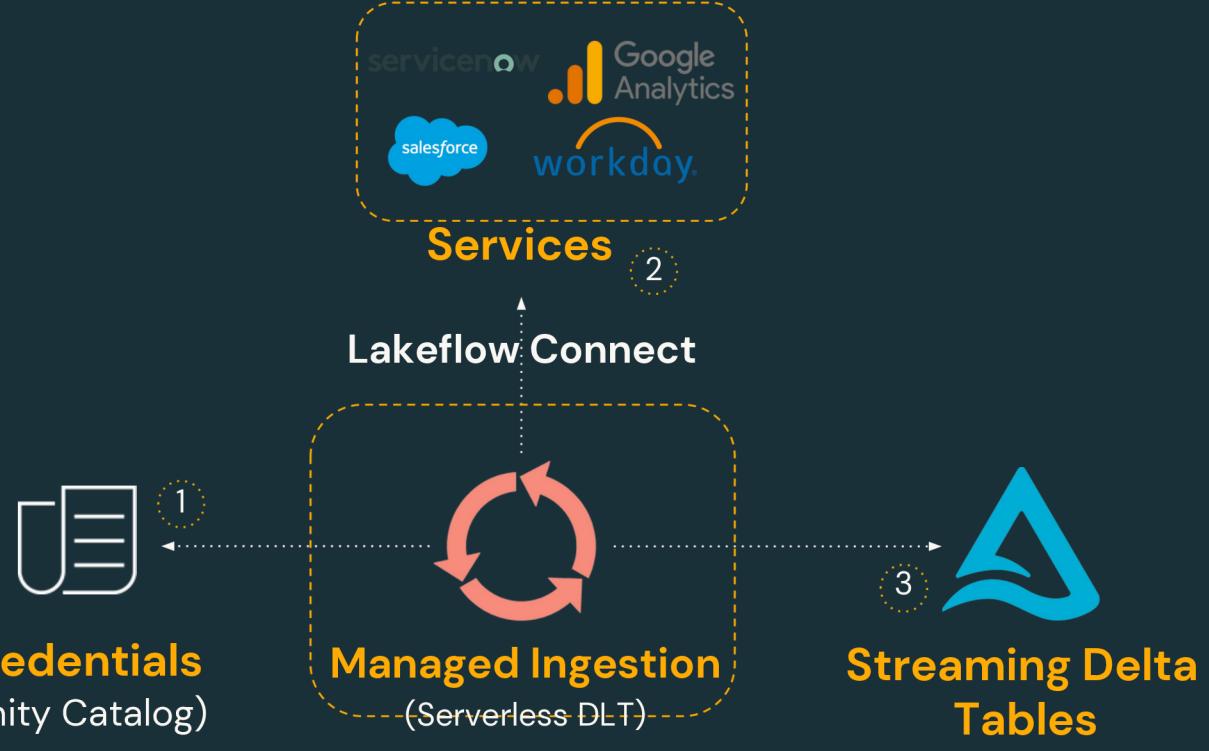
Ingestion pipeline  
to ingest data efficiently

Workflows DAG  
to orchestrate your ETL

Unity Catalog  
for unified security, governance, cataloging, and lineage

Delta Lake  
for reliable data storage that's externally accessible

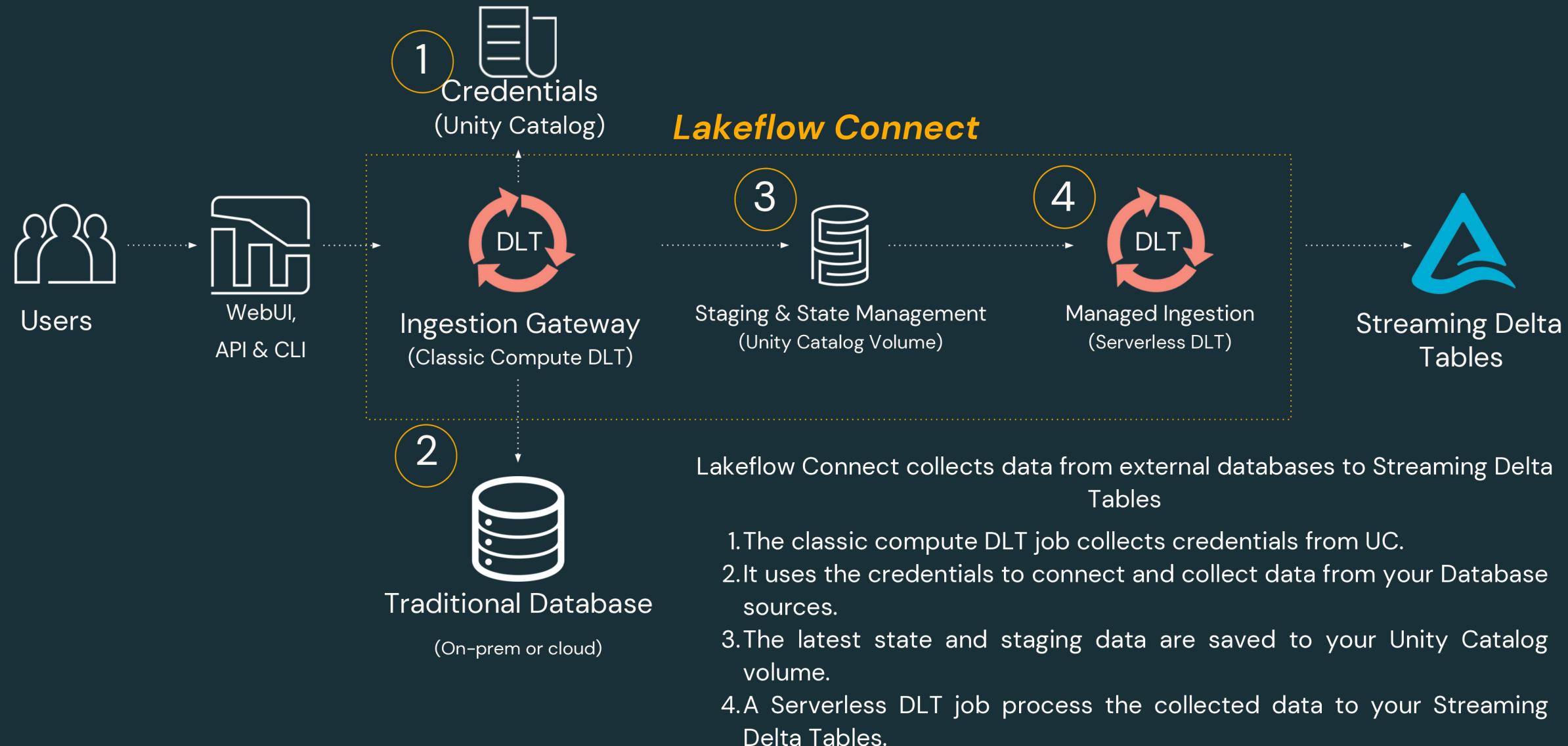
# Lakeflow Connect: SaaS Ingestion



Lakeflow Connect collects data from external sources to Streaming Delta Tables using a serverless compute DLT pipeline:

- 1.A Lakeflow Serverless DLT job collects credentials from Unity Catalog.
- 2.The job reaches out to the publicly accessible data source (e.g., API, open OLAP port, etc.).
- 3.The service transforms the data and stores it to a Streaming Delta Table.

# Lakeflow Connect Ingestion: Database



# Setting the scene



I'm a data engineer at a construction company.

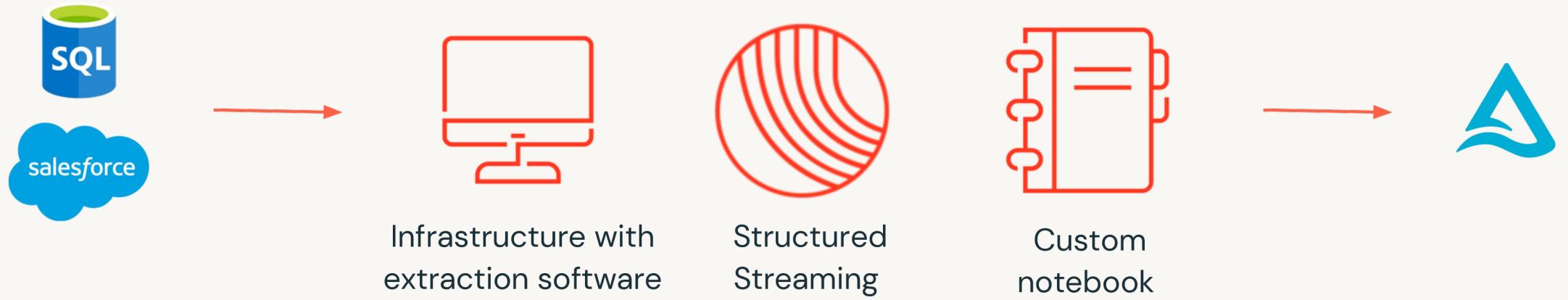


My data lives in several places, including Salesforce and SQL Server.

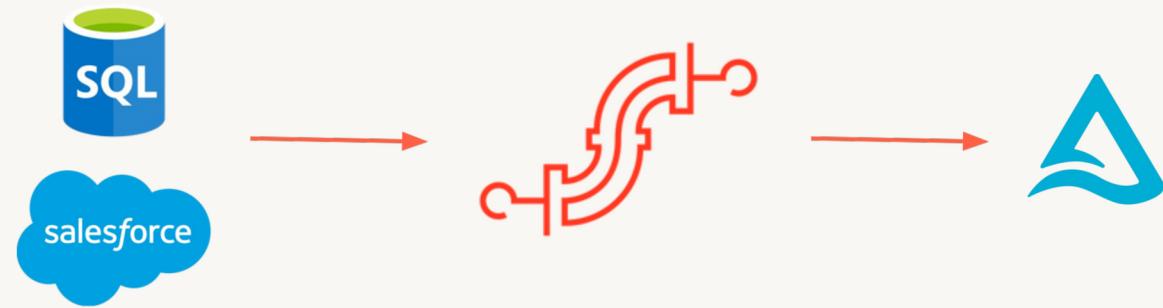


My company's core business is managing construction projects (Salesforce). We have another arm of the business that offers building maintenance services (SQL Server).

# Before



# After



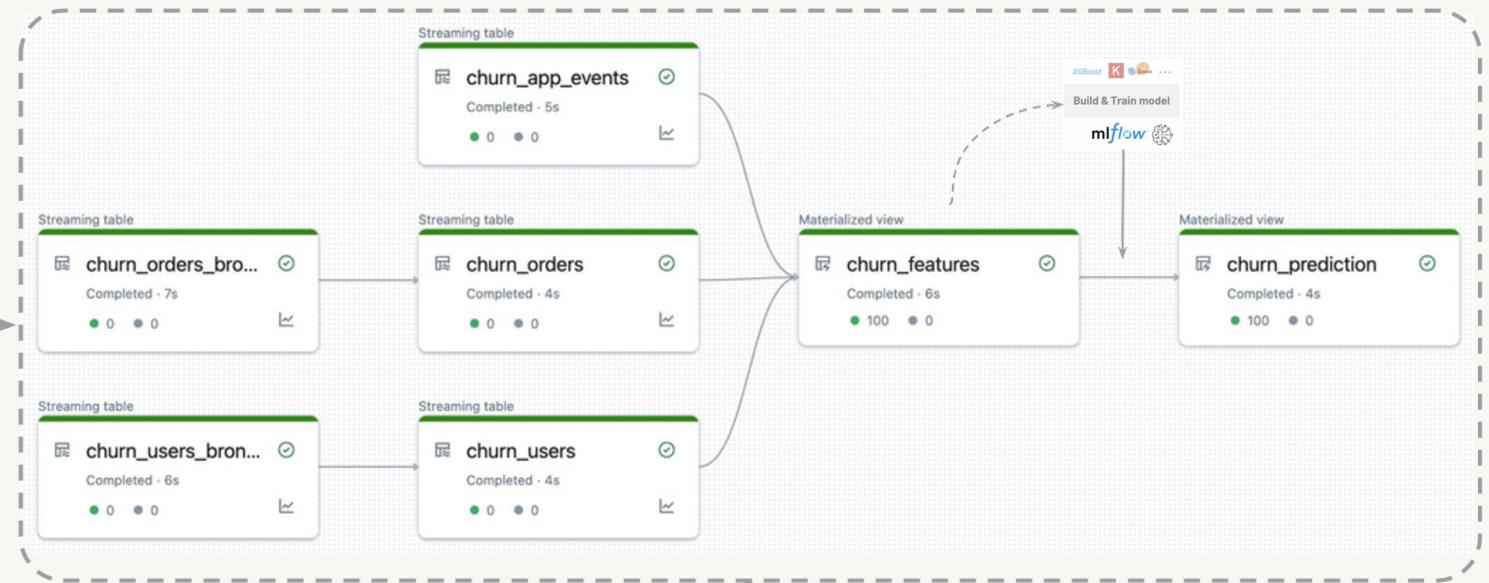
Lakeflow Connect

# Example Workflow

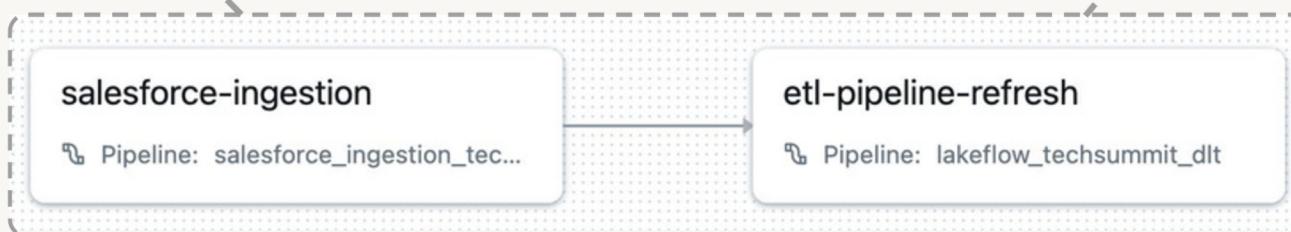
## Lakeflow Connect – Bronze tables



## ETL/ML/SQL Task(s)



## Workflows





databricks

