# HOPSWORKS

# The path to generate value with your AI Data

*Production MLOps With the Hopsworks Feature Store*

Streaming Data Pipelines

Batch Data Pipelines

Static Data

business value
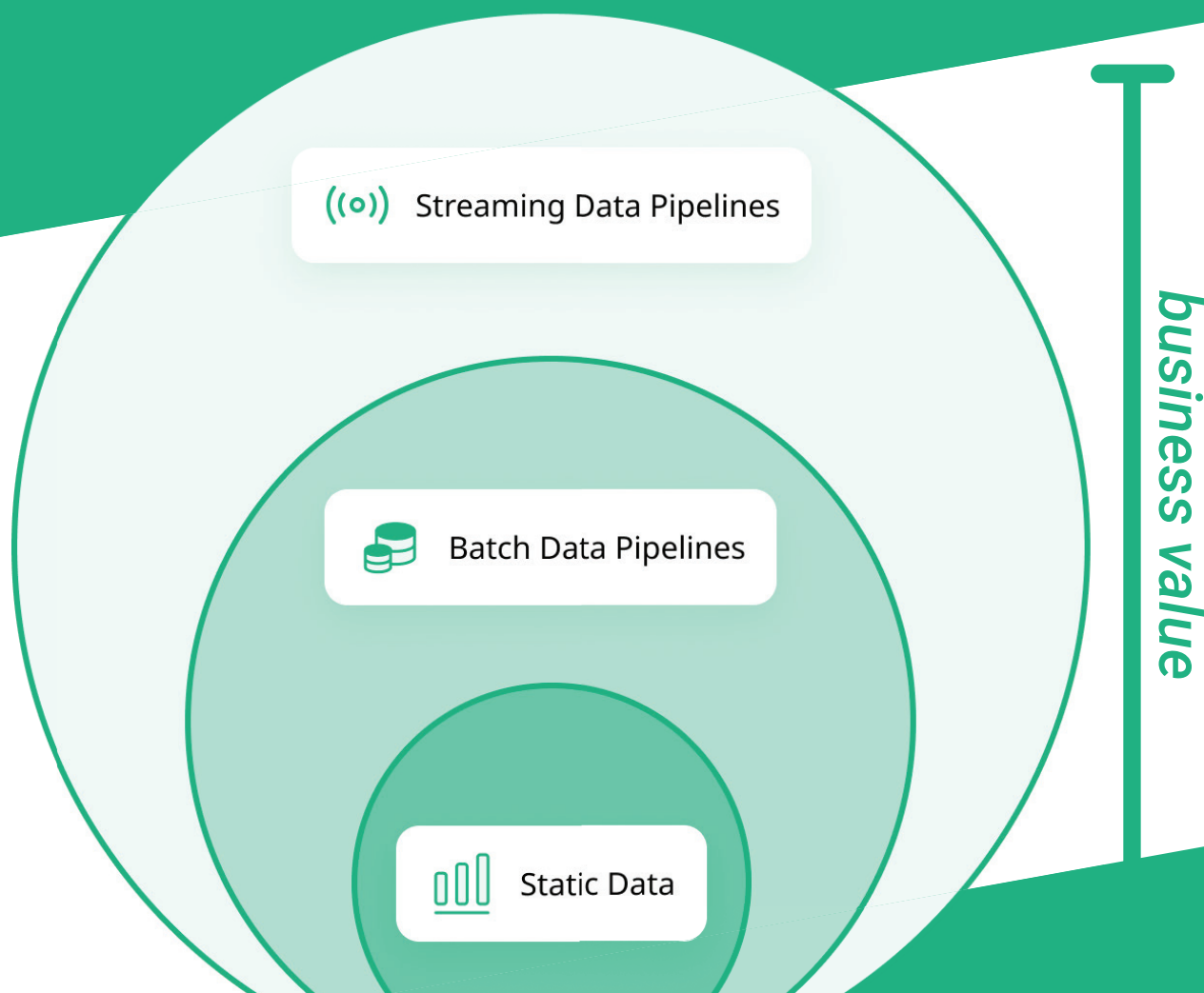
# MLOps with a feature store allows your organisation to put your data into production, faster.

Join the ranks of the fortune 500 that leverage the power of state-of-the art Machine Learning production principles by implementing a feature store.

### Team Productivity
Free up your data scientists to focus on high-impact tasks, maximizing contribution to your organization.
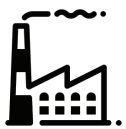
### More models in production
Accelerate your organization's ML adoption by rapidly deploying and managing more models in production.

### Release ML to Market Faster
Accelerates your machine learning initiatives, enabling rapid model deployment and quicker time-to-market.

"We experienced 3-4x Productivity gain while vastly simplifying our machine learning codebase/pipelines. The Python-Centric Approach, removed the complexities of SQL. We achieved ROI within 6 Months"
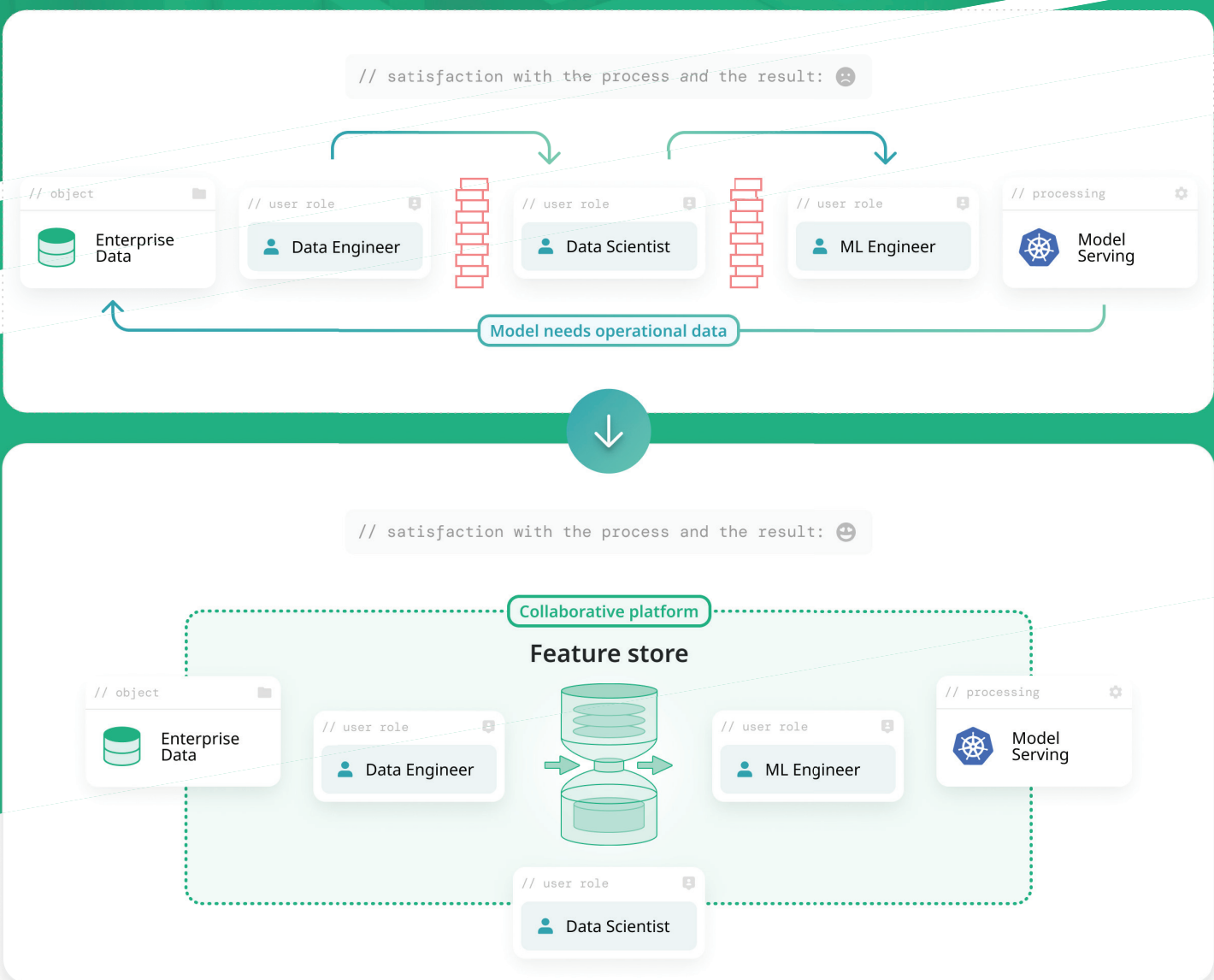
**Richard Woolston**
**Data Science Manager - AFCU**

## AMERICA FIRST
### CREDIT UNION

With more than 685,000 members and $6.5 billion in assets, America First ranks among the United States top 12 credit unions by membership and is one of the seven largest by assets.

# Breaking Silos



// satisfaction with the process and the result: ☹

| // object | // user role | | // user role | | // user role | // processing |
|---|---|---|---|---|---|---|
| Enterprise Data | Data Engineer | | Data Scientist | | ML Engineer | Model Serving |

Model needs operational data

// satisfaction with the process and the result: 😃

**Collaborative platform**

**Feature store**

| // object | // user role | | // user role | // processing |
|---|---|---|---|---|
| Enterprise Data | Data Engineer | | ML Engineer | Model Serving |

// user role
Data Scientist

## Transforming raw data into features accounts for approximately 80% of the entire machine learning lifecycle.

Enabling cross-functional collaboration by facilitating the sharing of these crucial machine learning assets can profoundly differentiate an organization, elevating its operational efficiency and competitive edge.

Leveraging the advanced capabilities of the Hopsworks Feature Store, teams can leverage a unified platform for streamlined collaboration and feature sharing.

# Superior MLOps
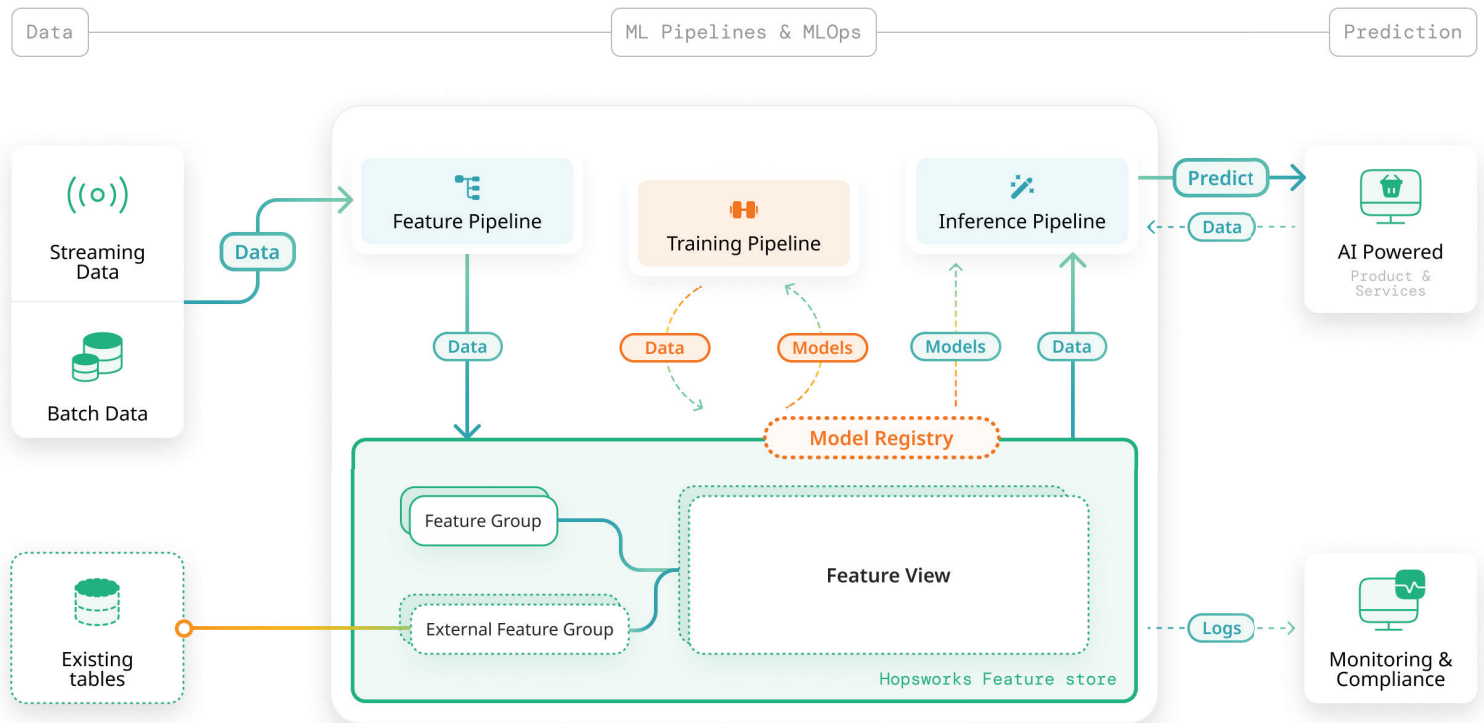


## Cutting-edge machine learning principles to break away from the Monolith; get your data from anywhere, to everywhere, using any tool.

Hopsworks champions the adoption of optimal strategies, assisting organizations in transitioning from monolithic ML workflows towards a structured paradigm centered around **of feature, training, and inference pipelines.** Fostering reuse, rigorous testing, and improved project management.

With Hopsworks, organizations can focus on refining the aspects that genuinely augment their value, all the while benefiting from a top-tier infrastructure and technological layer dedicated to their machine learning requirements.

# Superior Feature Store



Input → Online feature store (rows), Metadata, Output, Offline feature store (columns)
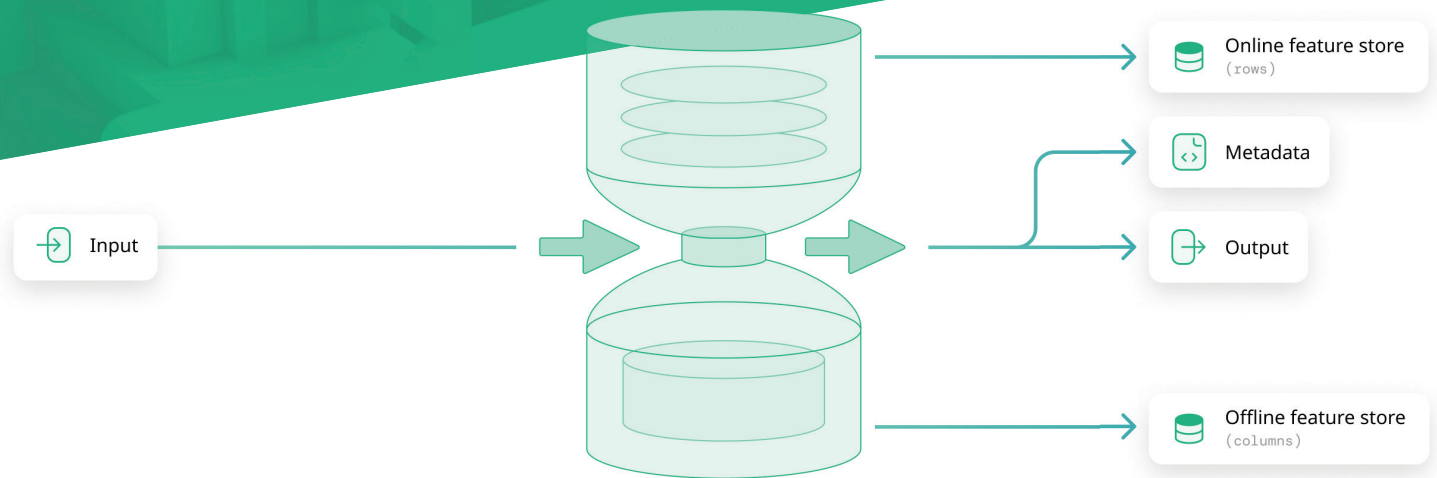
## Beyond databases and warehouses.
A dual storage; online & offline, with a metadata layer. Revolutionizing the management and operationalisation of your AI data.

With it's battle tested architecture and technological stack, Hopsworks provides the most efficient feature store to date; an online storage, **using the capabilities of the best key-value store in the world and an offline storage empowered by a filesystem that is up to 100x faster than S3.**

The inclusion of the metadata layer in Hopsworks establishes a new benchmark for AI data management by providing features like monitoring, versioning, governance, and lineage tracking.

This comprehensive approach not only elevates the accuracy and traceability of your machine learning assets but also ensures compliance with data regulations.

Hopsworks, combines operational excellence with strategic foresight, providing a comprehensive solution to enhance your organization's data proficiency and governance.

# HOPSWORKS

www.hopsworks.ai