

LF AI & DATA DAY EU VIRTUAL

June 10, 2021

13:00 – 17:00 – Central European Summer Time

via Zoom

#lfaidataday

5 Breakthroughs to scale ML beyond the limits of experiments

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Orange

Chair of LF AI & Data Outreach Committee

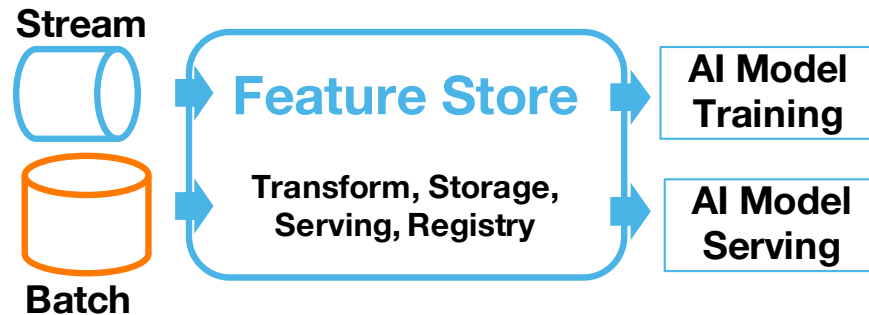


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**Today 20 % of Enterprises are able
to Deploy and to Operate ML models
in operation & with Acceptable ROI**

1 From Data Lake to Feature Store

Features Store is a **centralized** location to store and document **feature datasets** that will be used in building ML models and can be shared across projects and teams.



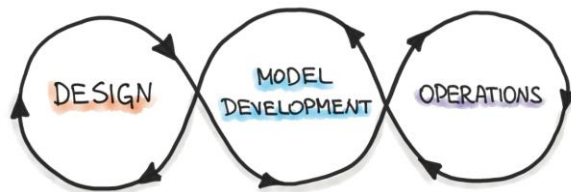
2- From Data Science to ML Engineer

The new ML Engineer Role take **ML Models** developed by **Data Scientists**, and manage the infrastructure and **Operations** around **Packaging, Testing, Deploying & Monitoring** those models.



3- From ML Experiments to MLOps & Coding

ML Operations **MLOps** is a way of helping enterprises to **Scale ML** beyond the limits of experimentation



4- From Ethics of AI to Trusted AI

Moral behavior of *humans vs machines* ?



Encourage **TRUST** in the **DEVELOPMENT** of AI

Reproducibility

Robustness

Equitability

Privacy

Explainability

Accountability

Transparency

Security

The 8 Principles for Trusted AI – (R)REPEATS

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5- From Private Data Center to ML Hybrid Cloud

The evolution to **Hybrid Cloud** using **Cloud Cluster (K8s)** and **Object Storage (S3)** will accelerate the delivery @ **Scale** of a cost effective AI services



Merci

