Federated learning

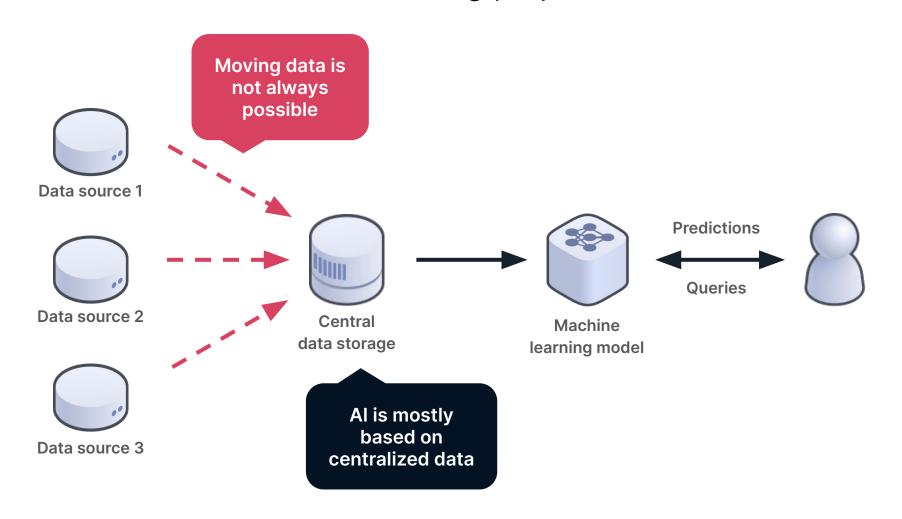
Al training without moving data





The Al problem

Data is out-of-reach in machine learning projects



No data access

Common cases where data is out-of-reach in Al

"Cannot move data"

Data that cannot be shared due to ownership rights, confidentiality agreements, or practical issues in transferring edge-generated data.

- High volumes of data
- Network latency
- Connectivity issues

"Not allowed to move data"

Information that is restricted from being shared due to legal, regulatory, or compliance reasons to ensure data privacy and security.

- Data privacy and transfer laws
- Intellectual property rights
- Non-disclosure agreements

"Don't want to move data"

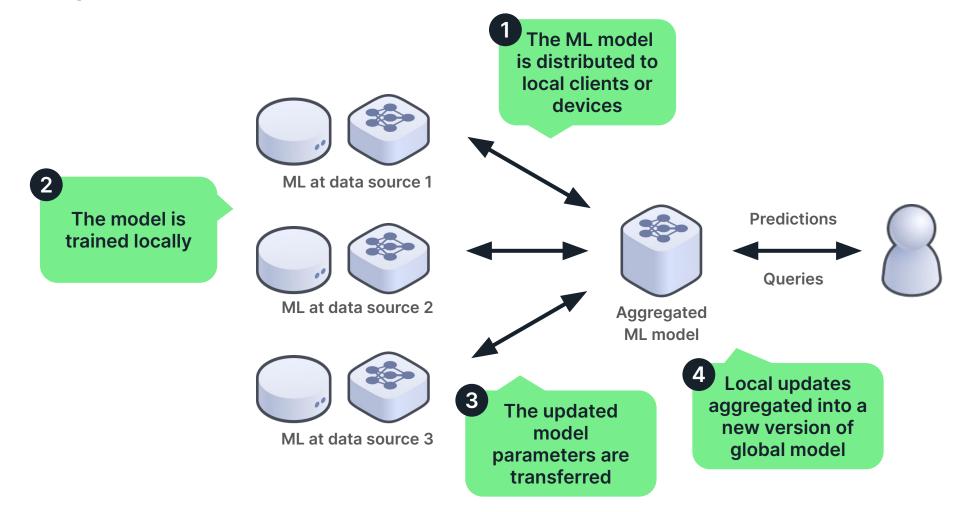
Sensitive data kept private to protect privacy, ensure confidentiality, prevent misuse, and guard against cybersecurity threats.

- Business sensitive
- Private data
- Proprietary data

s scaleout

Federated learning

Bring the ML to the data instead of data to the ML



The FEDn framework

Federated learning by Scaleout:

- with truly distributed (not simulated) federated learning
- with instant-start so you can focus on development
- built for scale

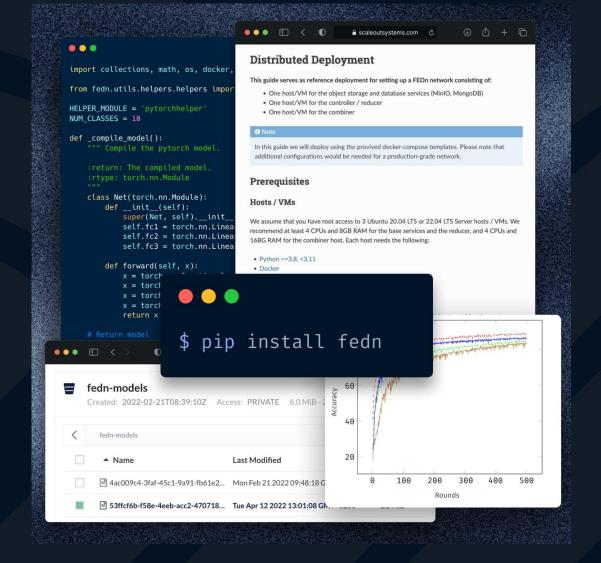
Take your project from R&D to a highly secure production.



FEDn SDK

FEDn, our open-source SDK, is designed for scalable and secure federated learning.

It ensures a smooth transition from development to large-scale deployment, emphasizing data security and efficient model aggregation.

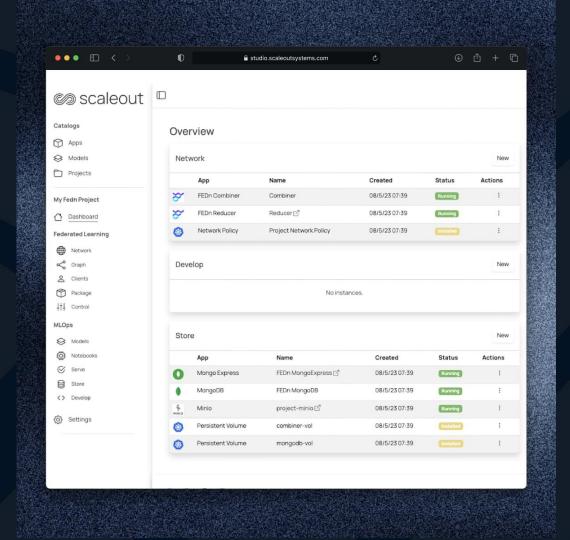




FEDn Studio

FEDn Studio, our cloud-native platform, delivers seamless and secure federated machine learning, designed to integrate effortlessly with your existing MLOps pipeline.

It scales to any demand, ideal for both early-stage experimentation and fast iterations, as well as for on-premise deployment in production stages.





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