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In a classic centralized setup, all data used for training is transferred to a central location. Yet, this is often impossible.



Sharing or centralizing data can be impossible or dangerous



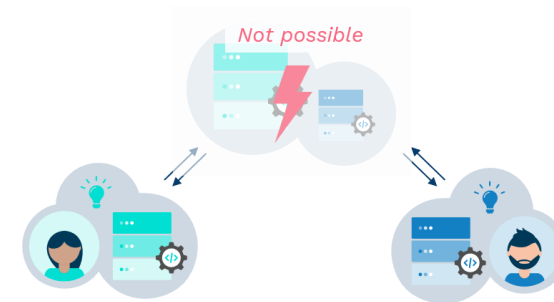
IP protection of data and AI model



Data protection regulation



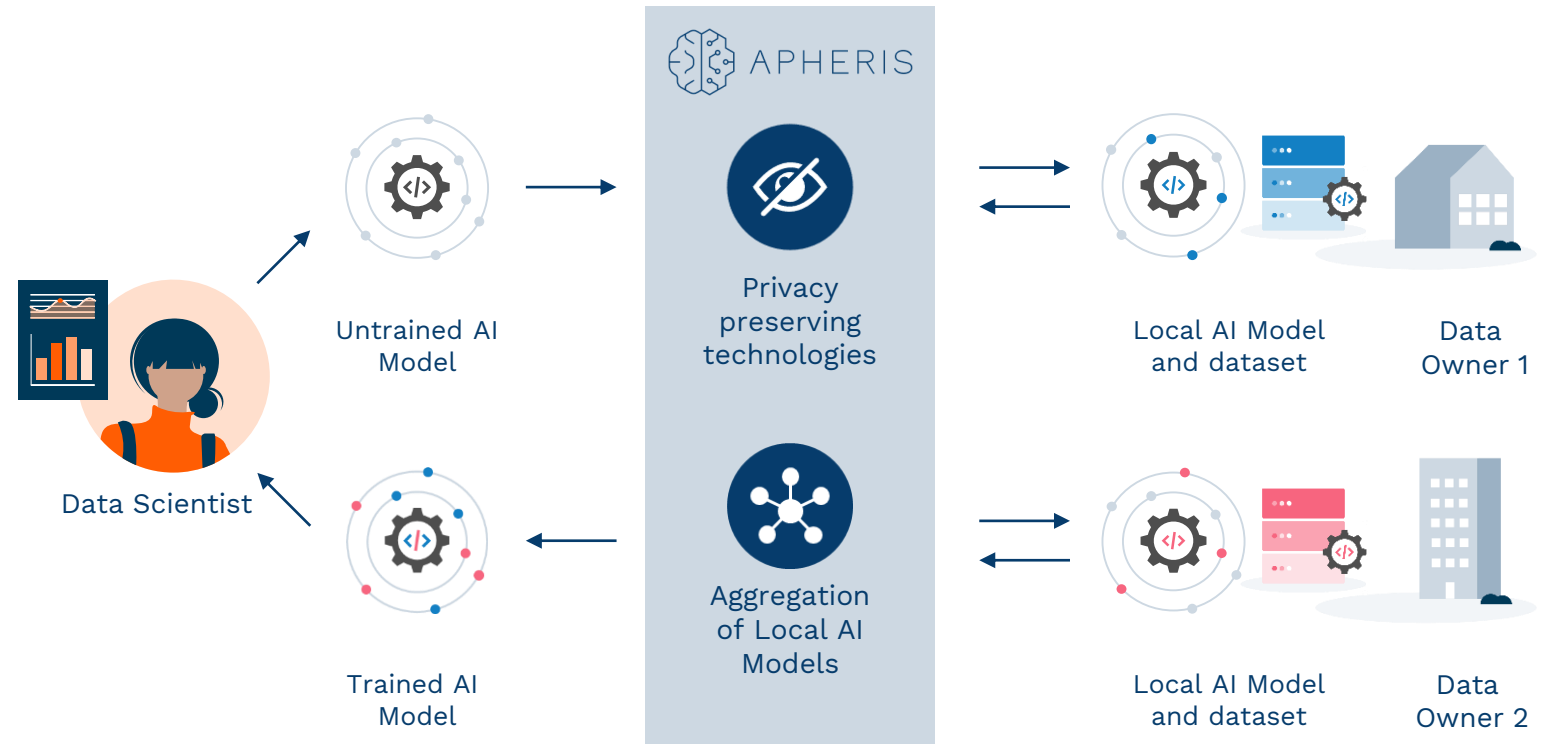
Distrust in other parties





How Federated Machine Learning works

Instead of centralizing huge amounts of training datasets for machine learning purposes, we bring the AI models to multiple local and secured datasets instead



Data scientists can analyze distributed data in a secure and privacy preserving manner

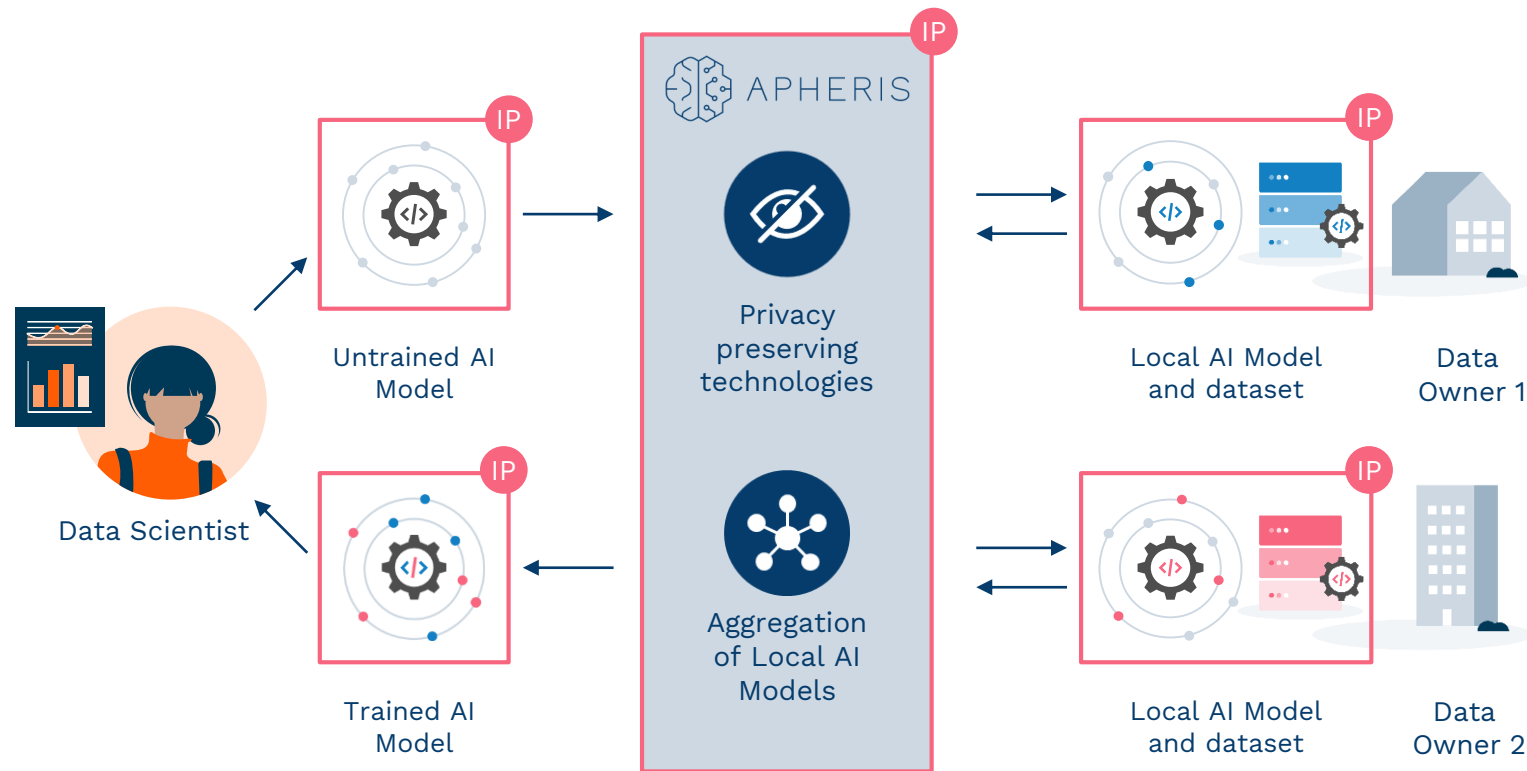
Data Owners can safely collaborate and commercialize their data assets without compromising data privacy



Our touchpoints with IP

IP rights are important for us under different aspects:

- untrained AI model
- proprietary datasets
- local trained AI model
- global trained AI model
- our proprietary software

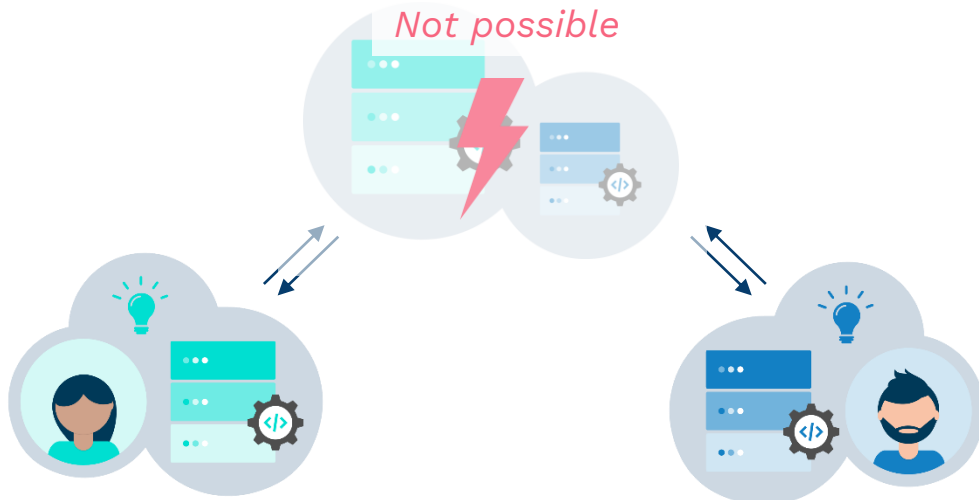


 Possible IP implications



We offer a technical solution to a legal problem

If IP sensitive information is not secured and preserved private sharing that data is impossible or dangerous



Our solution protects data in a technical way, irrespective of the reason for it being sensitive



Dataset

Datasets of data owners reside locally in isolated secure environments

Privacy preserving technologies make sure that trained AI models do not leak data



Trained AI Model

Only authorized party or parties receive the trained AI model



Untrained AI Model

Each individual isolated environment is locked during model training, no one has access to the proprietary AI model



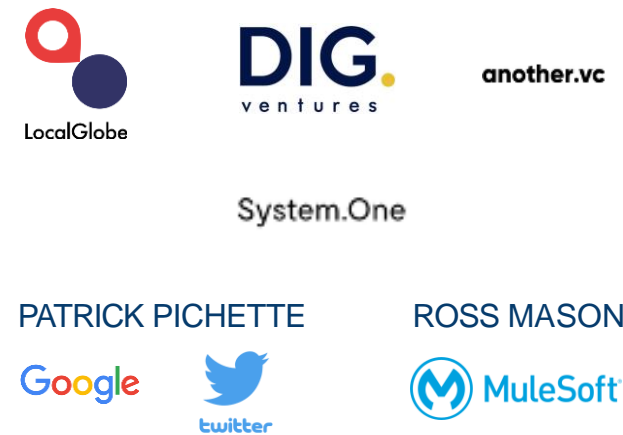
Apheris is on a mission to fundamentally change how organizations collaborate securely and extract value from data

We are an interdisciplinary team of technical and scientific experts (60% with a PhD) and have raised more than USD 4M from leading European and US investors

Our Experience



Our Investors



Our Customers & Partners





APHERIS

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