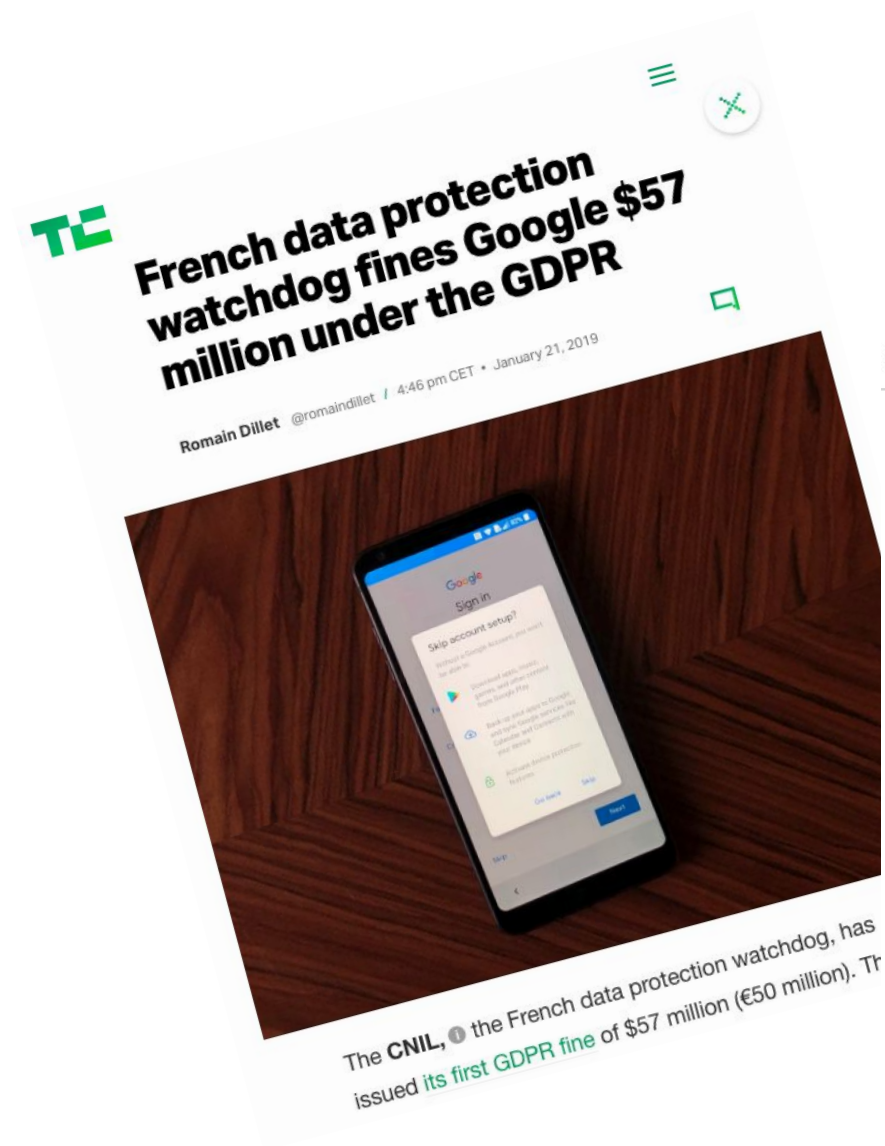


The eXpandable AI Network

GDPR-Compliance
For Machine Learning



Privacy is a Main Concern



THE WALL STREET JOURNAL

TECH
EU Nears Decisions in Facebook Privacy Cases

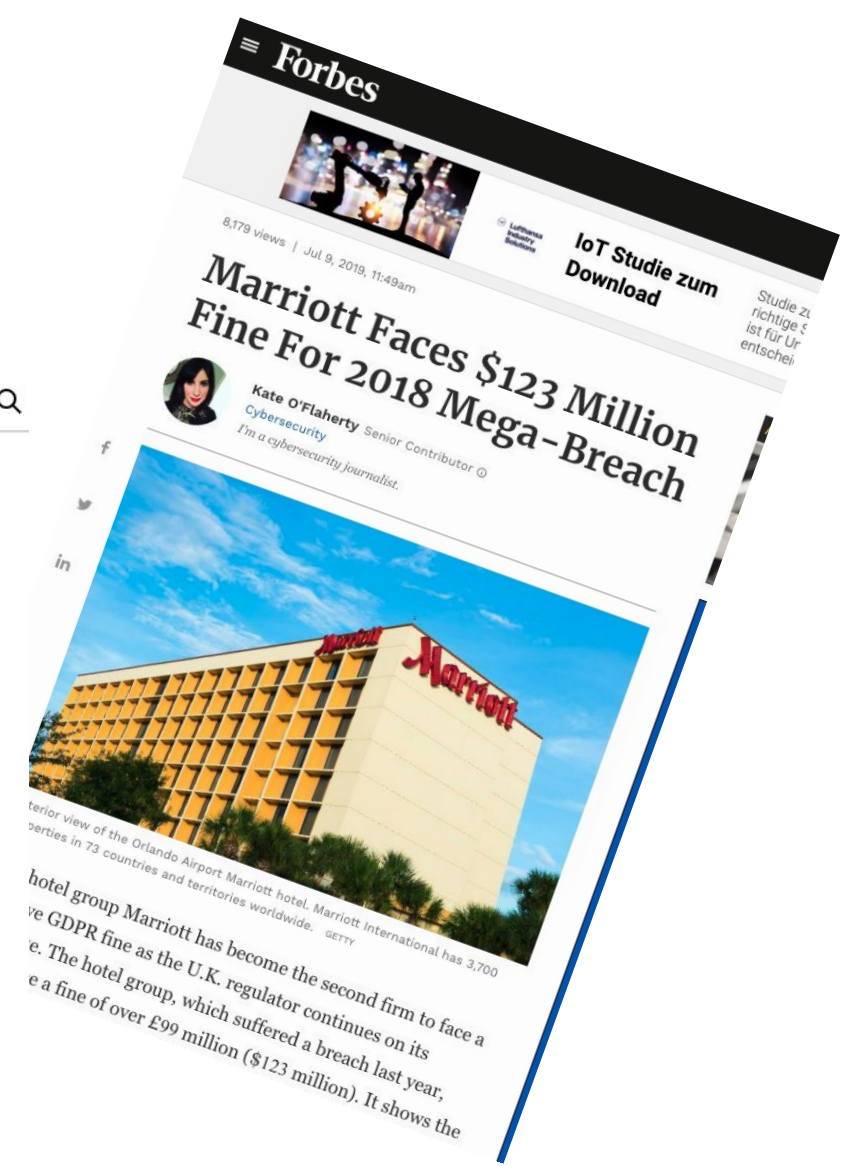
Ireland's Data Protection Commission has power to levy billions of euros in fines; aims to send proposed decisions to other EU regulators by end of September



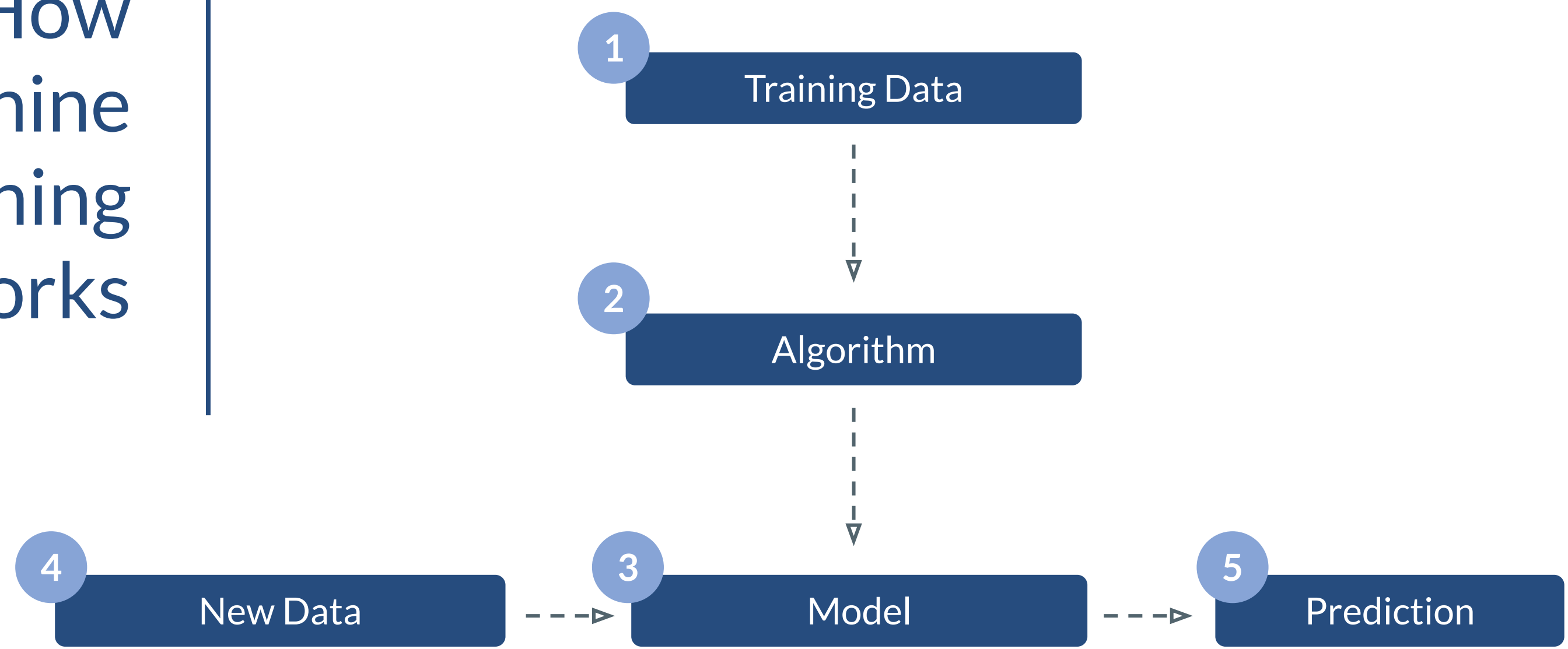
The European Union's General Data Protection Regulation on data privacy came into force on May 25, 2018. This video explains how it could affect you, even if you don't live in the EU. (Originally published May 16, 2018)

By Sam Schechner
 Aug. 12, 2019 5:30 am ET

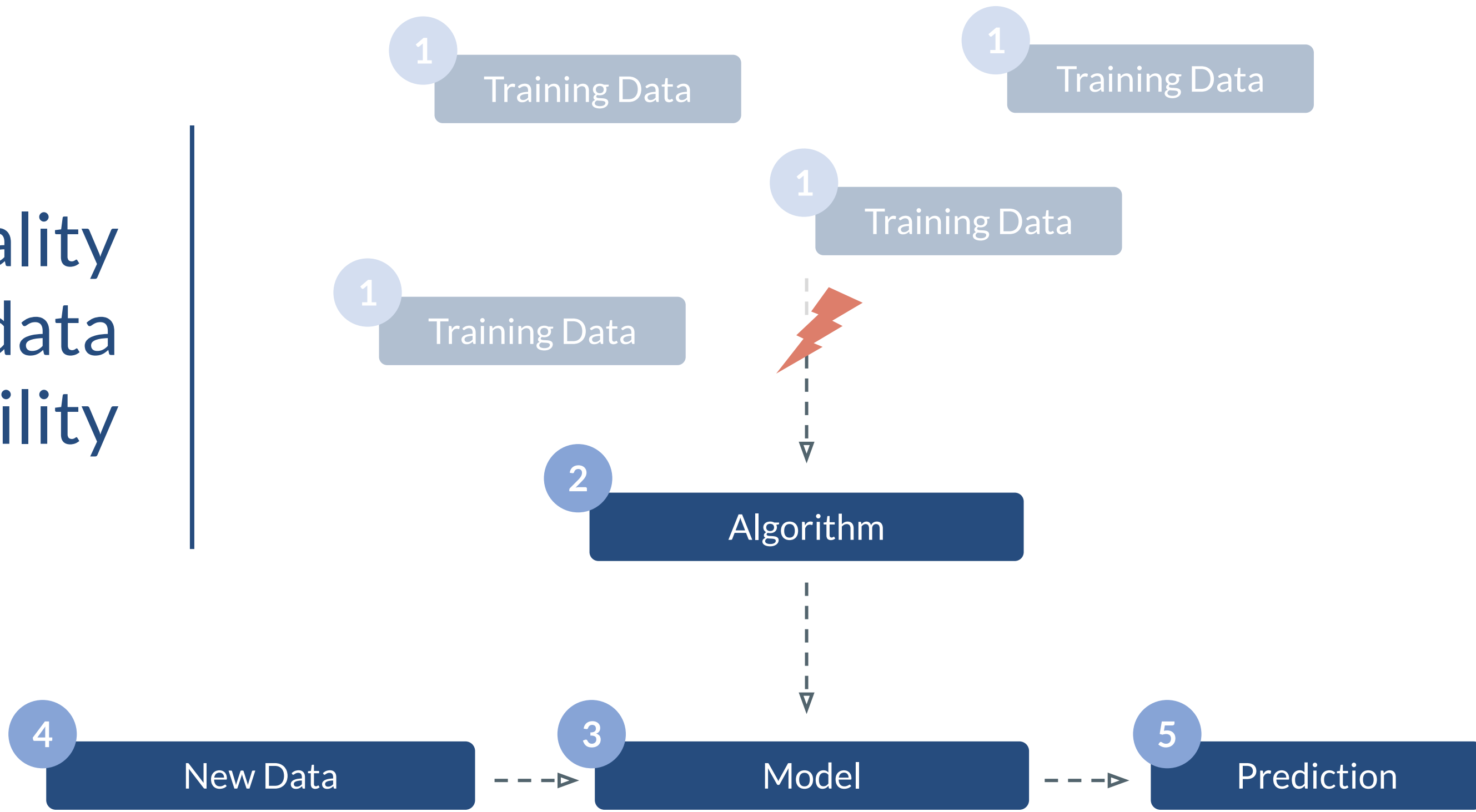
SHARE AA TEXT



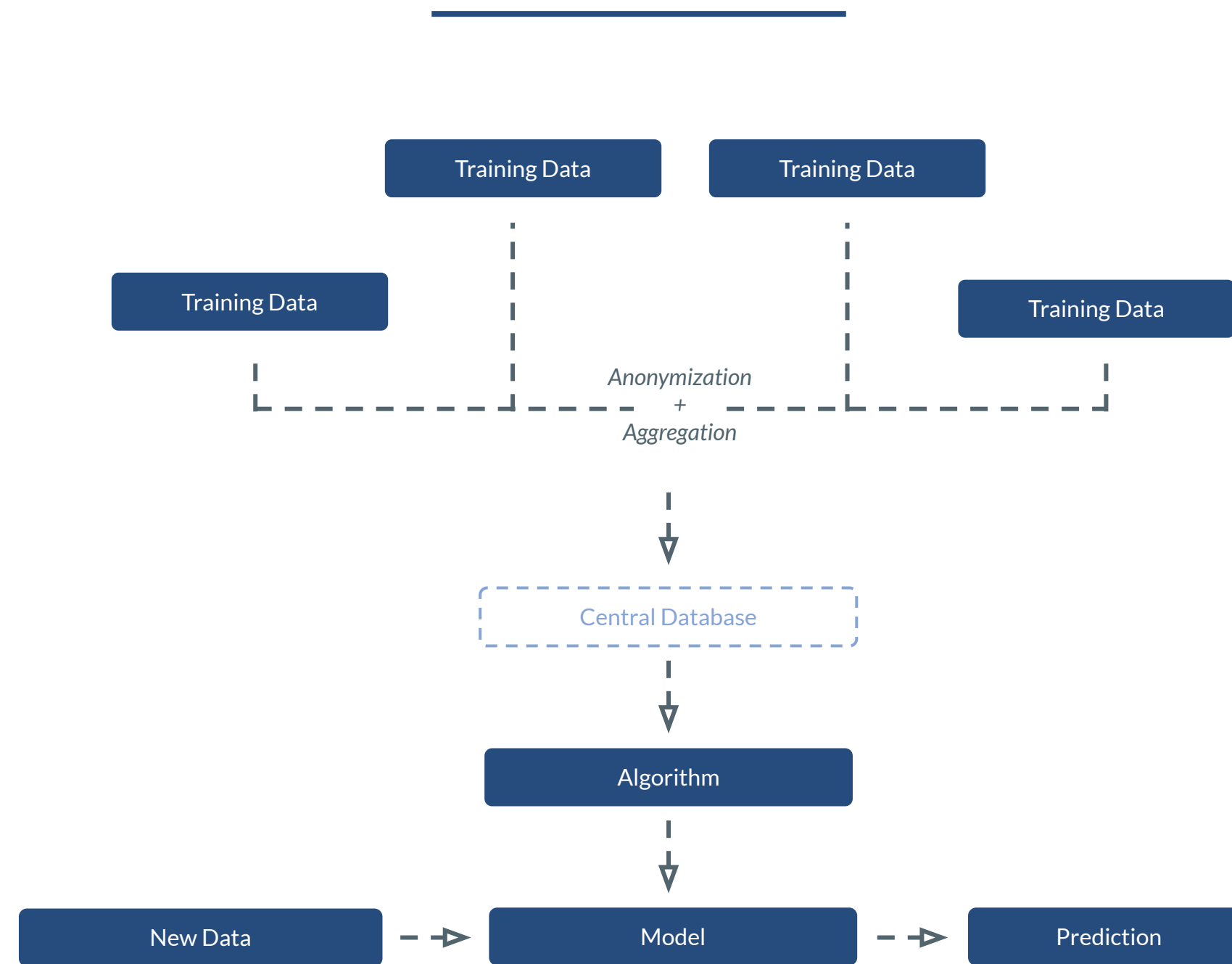
How machine learning works



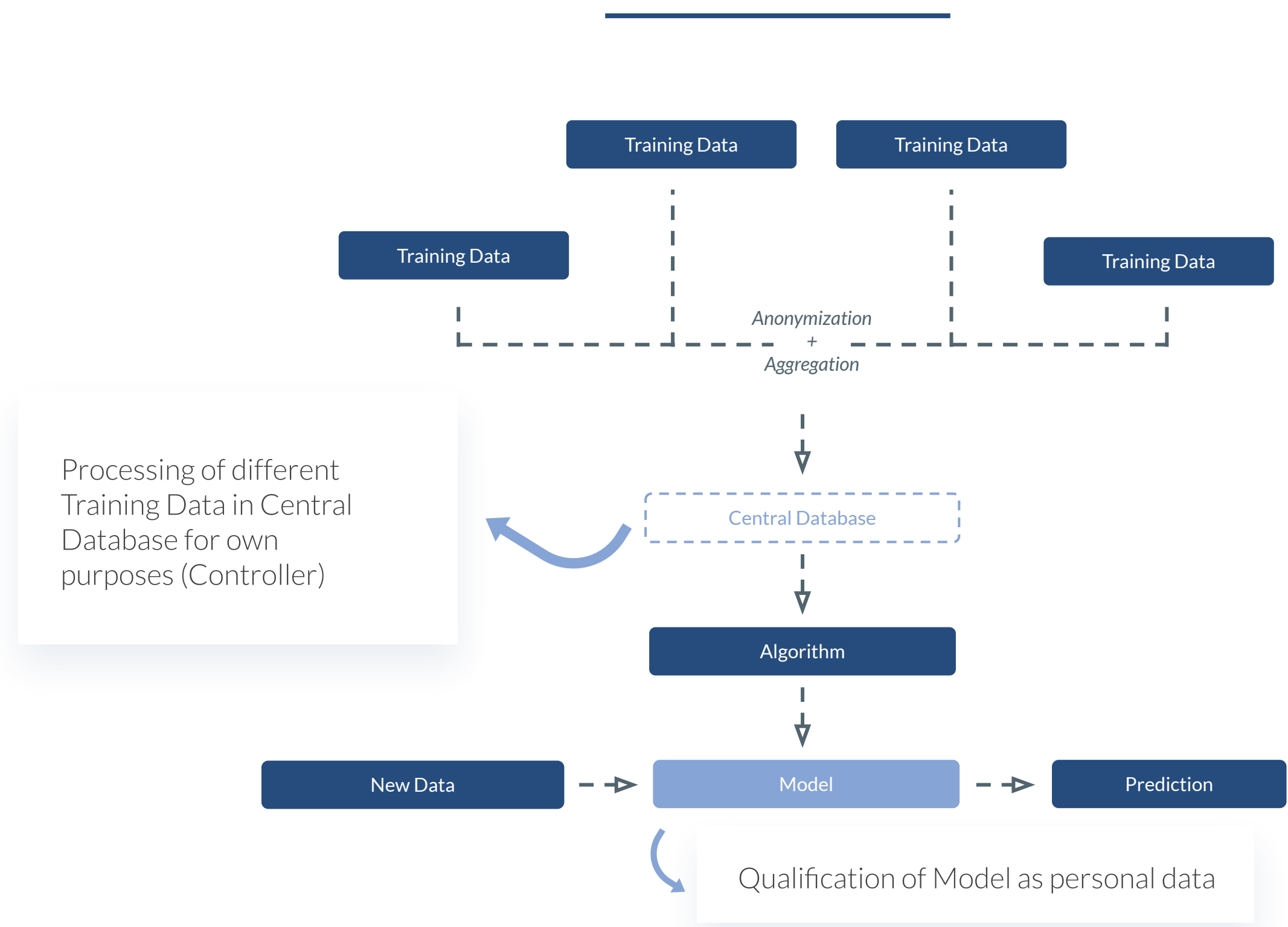
The reality of data availability



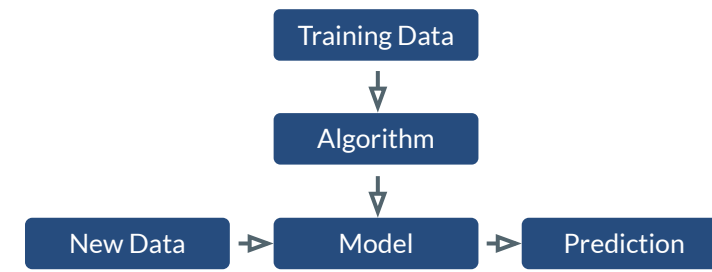
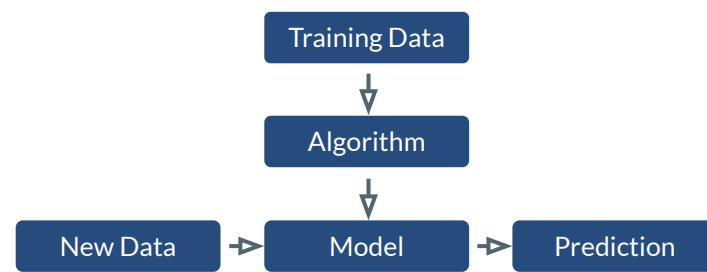
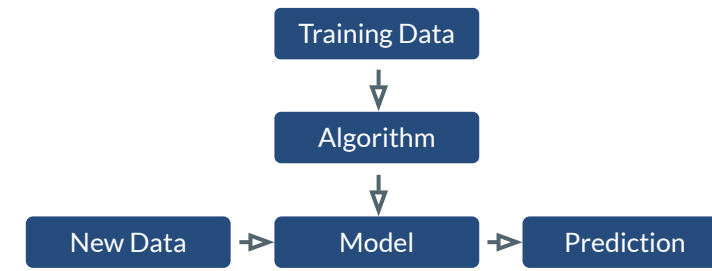
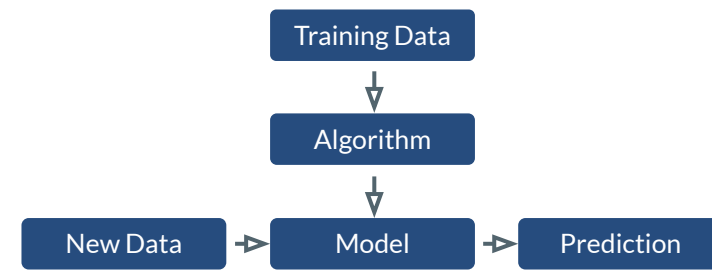
The tension between GDPR and Machine Learning



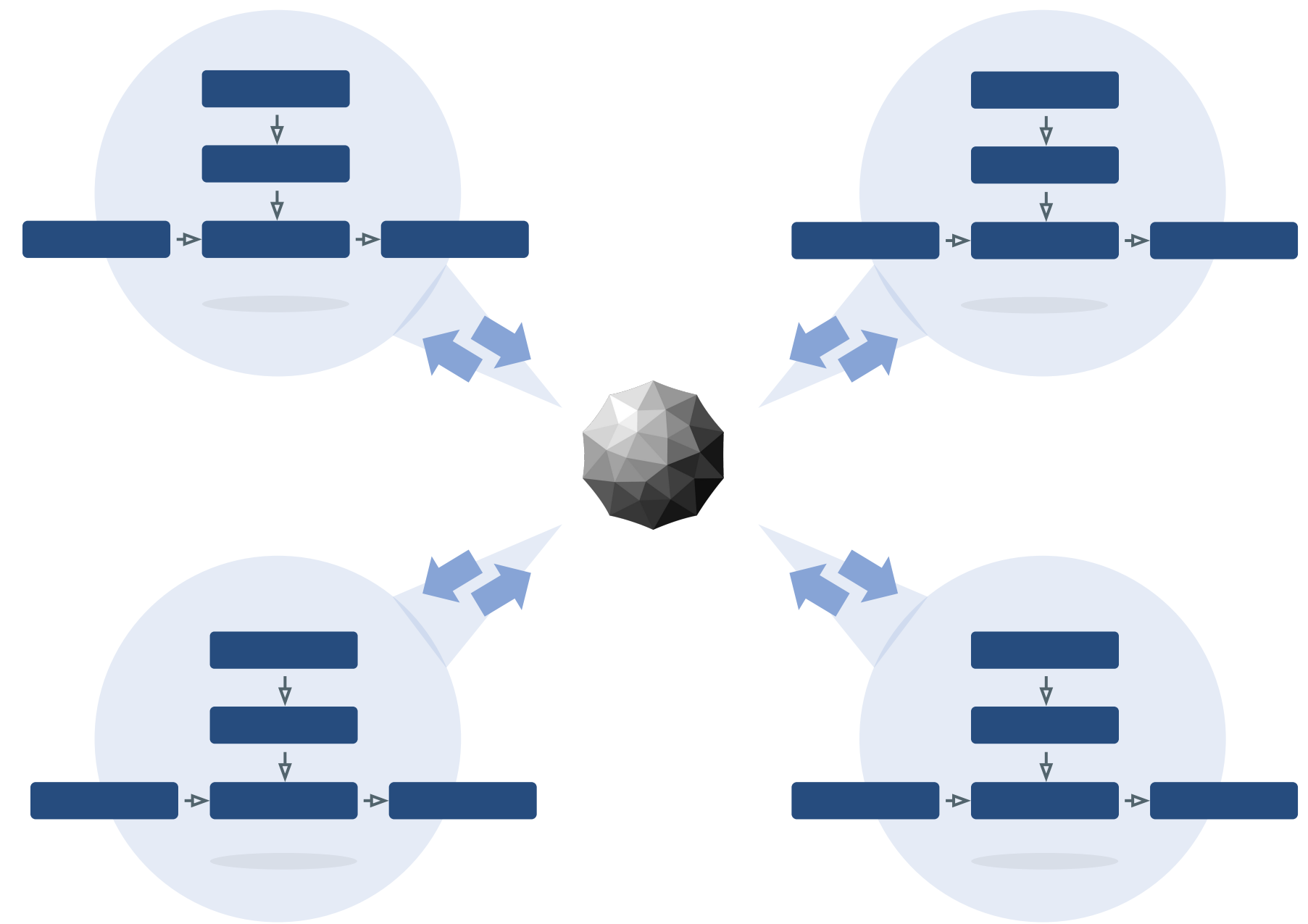
The tension between GDPR and Machine Learning



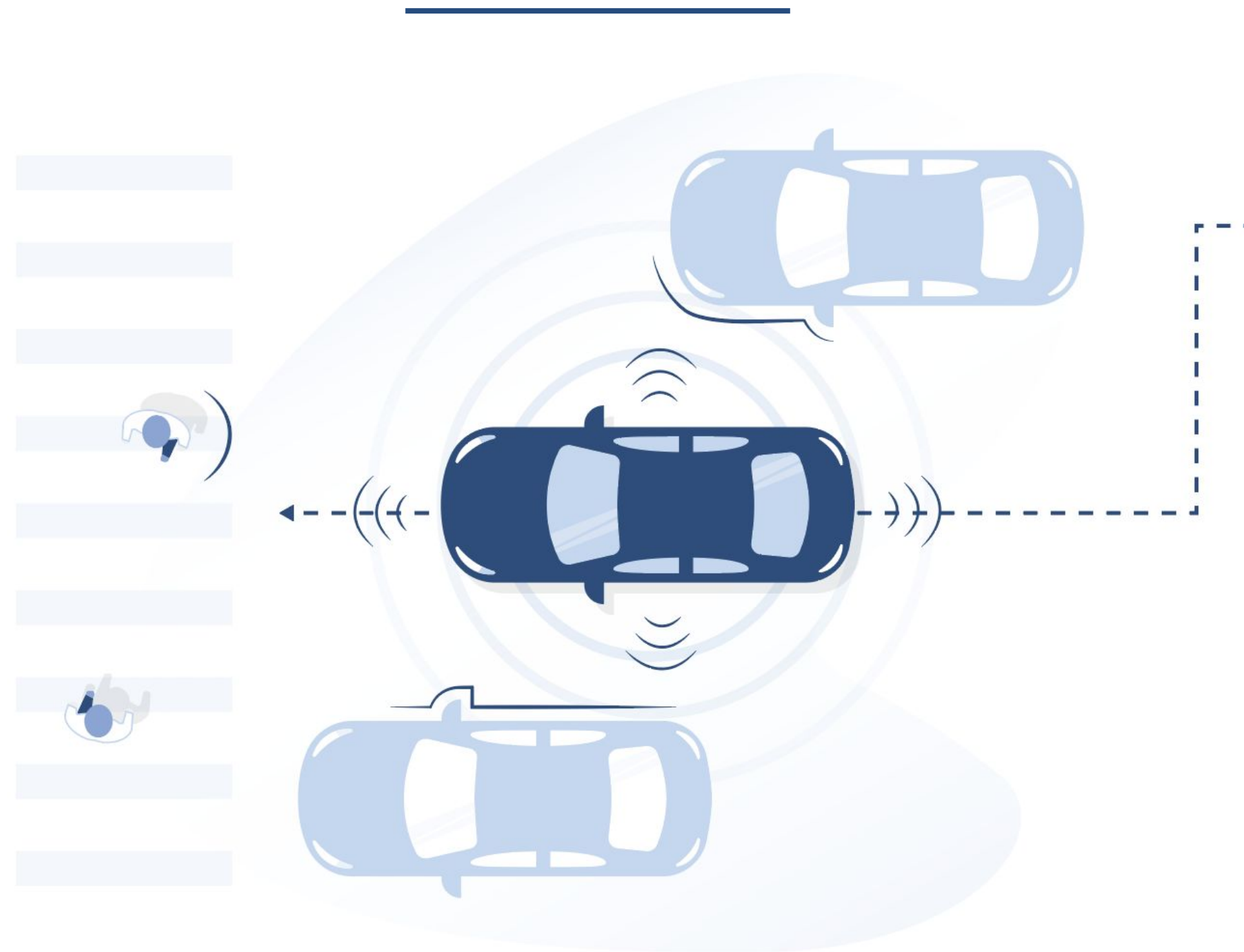
Train on data silos?



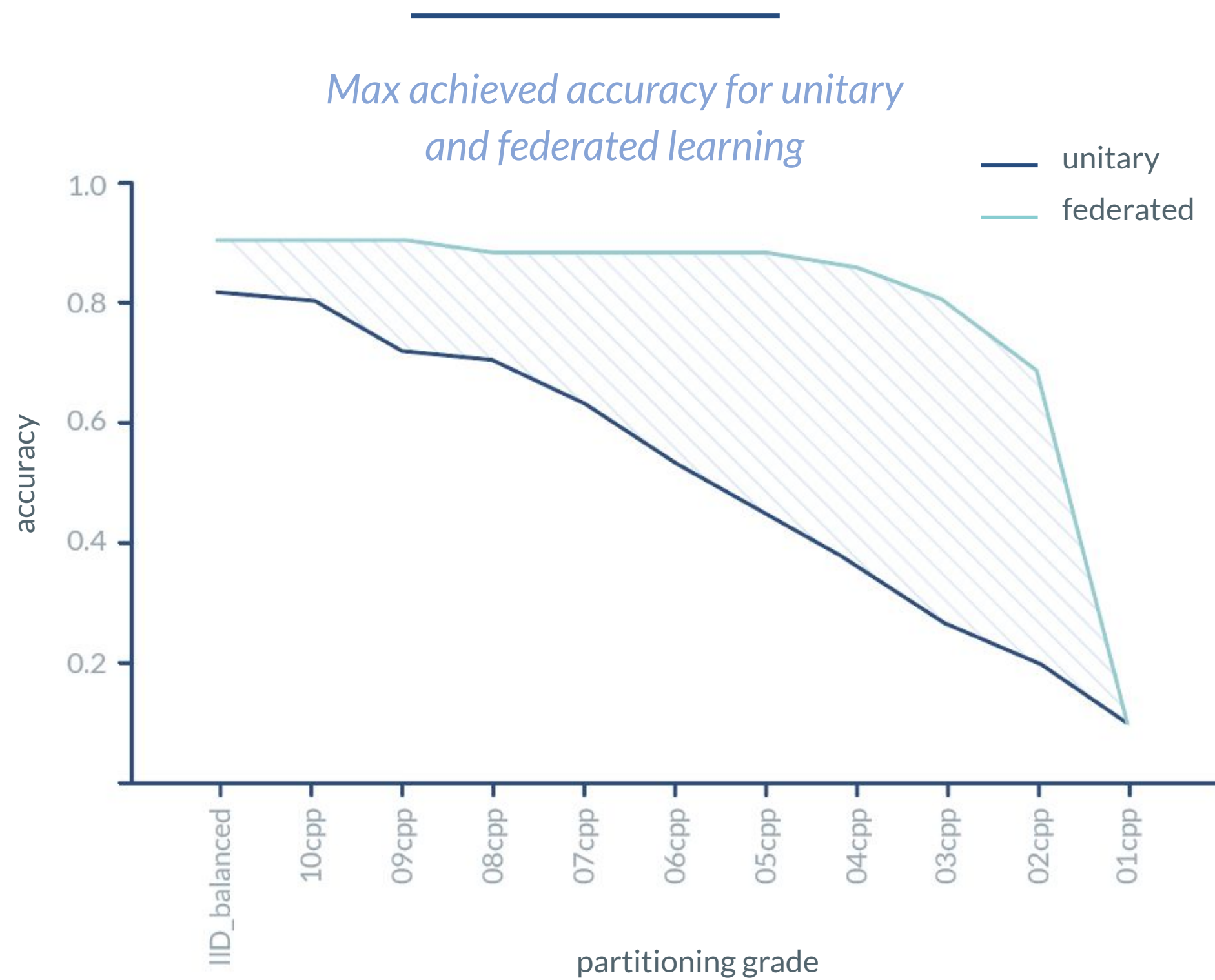
Introducing Federated Machine Learning by XAIN



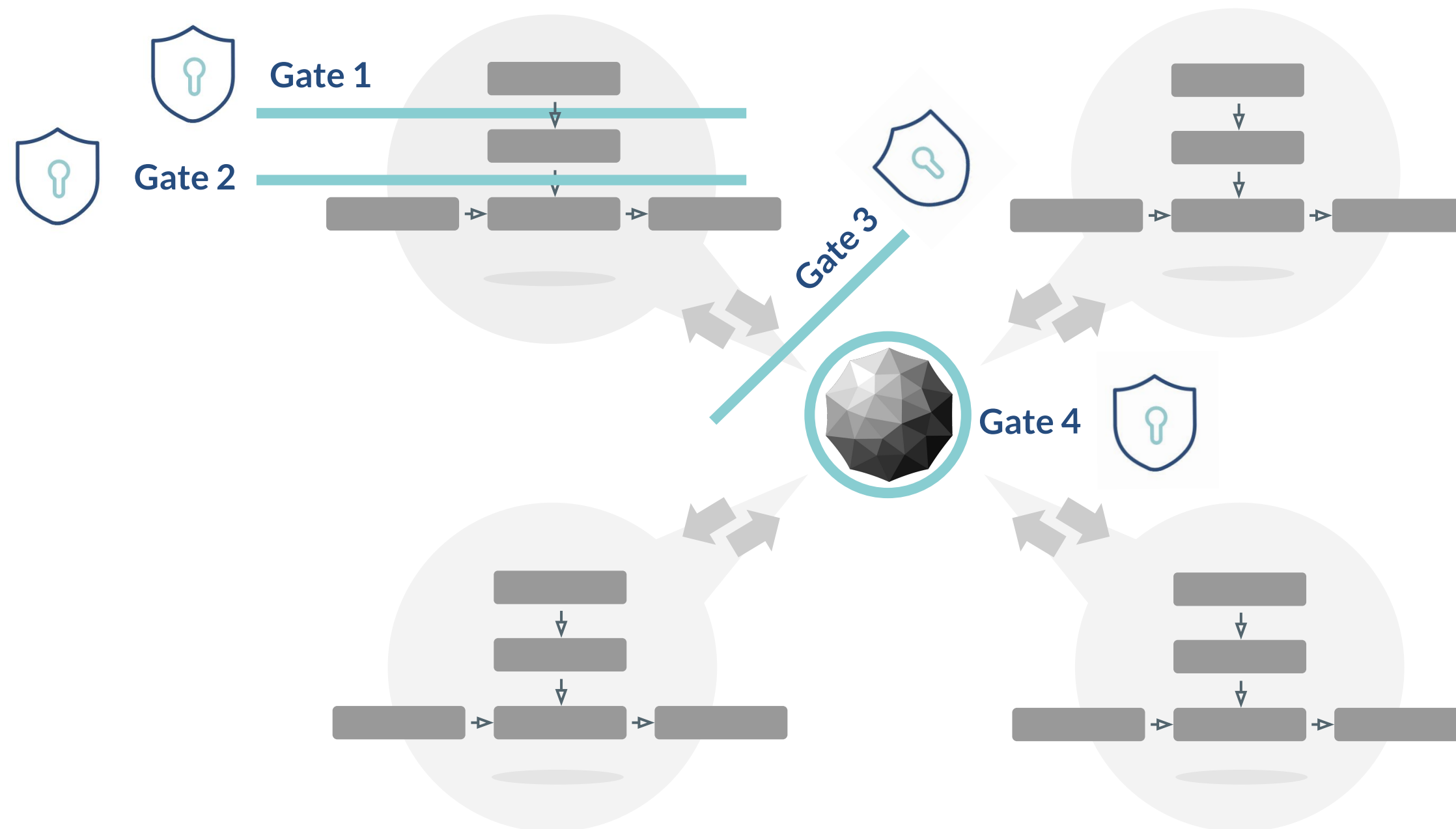
Privacy-Preserving Autonomous Driving



Substantial model accuracy gains under privacy



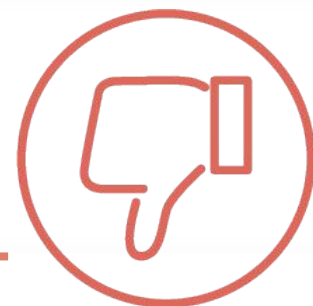
Federated Learning has multiple lines of defense



Federated Learning solves main GDPR issues in AI



- ▶ Aggregation of raw training data in central database



- ▶ Qualification of Model as Personal Data



- ▶ No central database needed for aggregation of AI models



- ▶ Double aggregation leads to anonymity of data

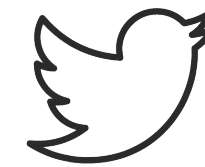


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