TELEKOM AI SYMPHONY

powered by MLOps

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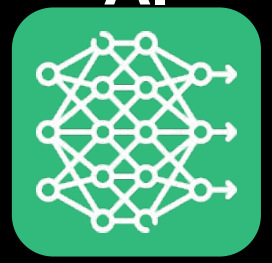
2016

AI

Business
Performance

AI



Customer Experience

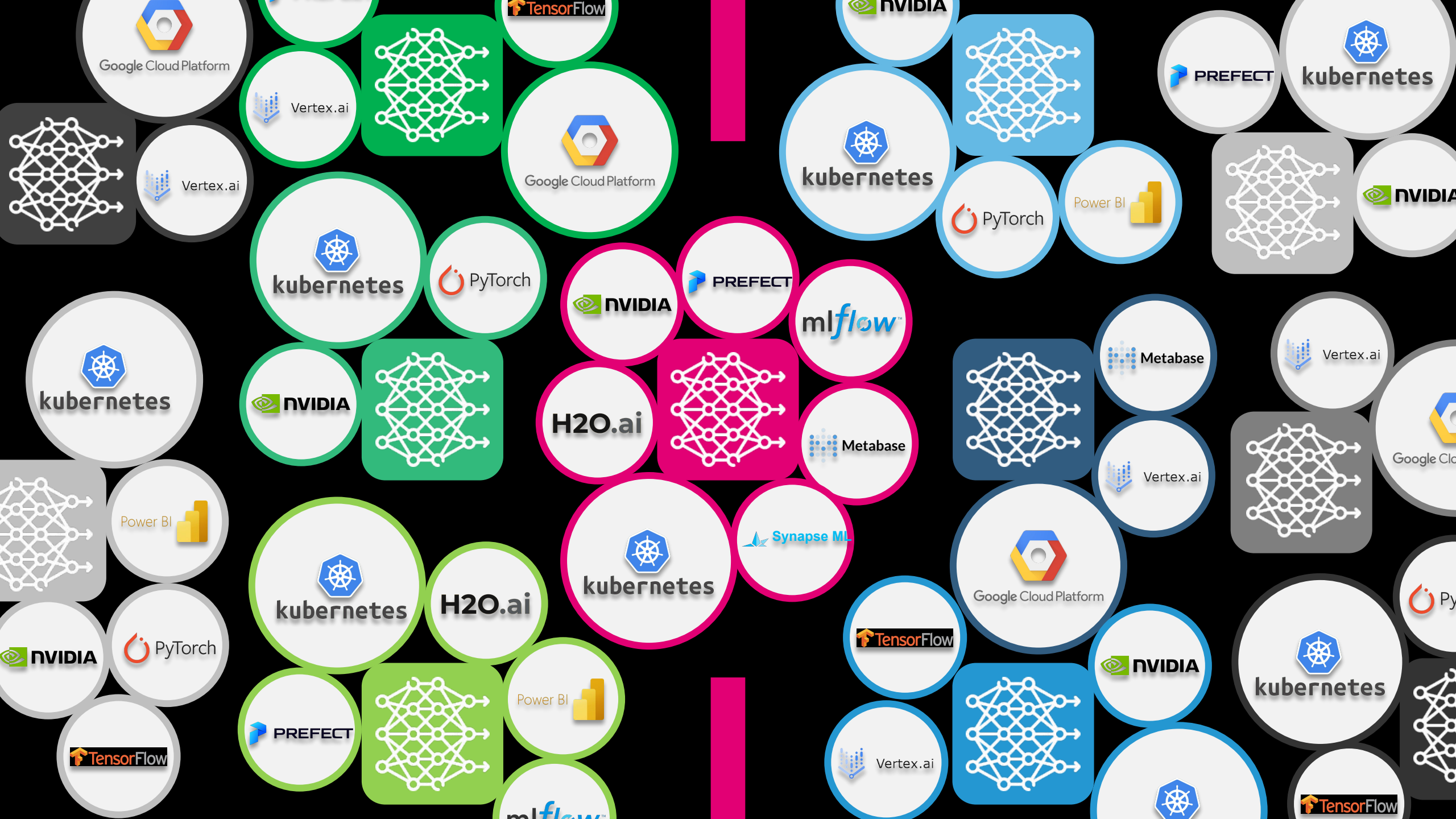
AI

Business Performance

AI

Network Quality

kubernetes
PyTorch
NVIDIA
NVIDIA
PREFECT
mlflow
H2O.ai
Metabase
kubernetes
Synapse ML
Metabase
Vertex.ai
Google Cloud Platform


Google Cloud Platform
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HOW TO HANDLE IT ?

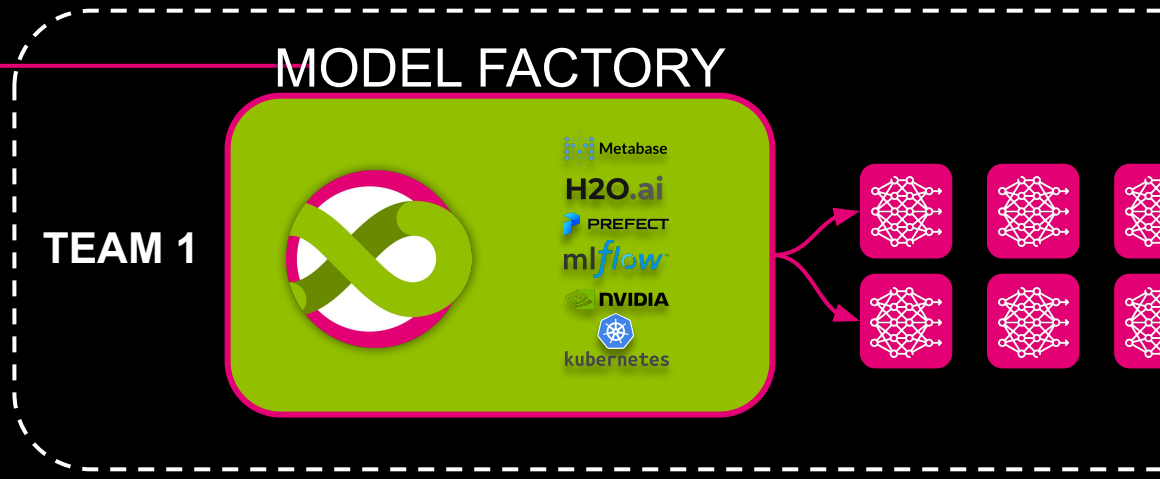
MLOps framework

Centralized AI/ML platform within the Team

End-to-end management of AI/ML models lifecycle

Collaborative and know-how sharing platform

Utilizing **Tools** & **Services** to create **AI/ML models** & **Data** content

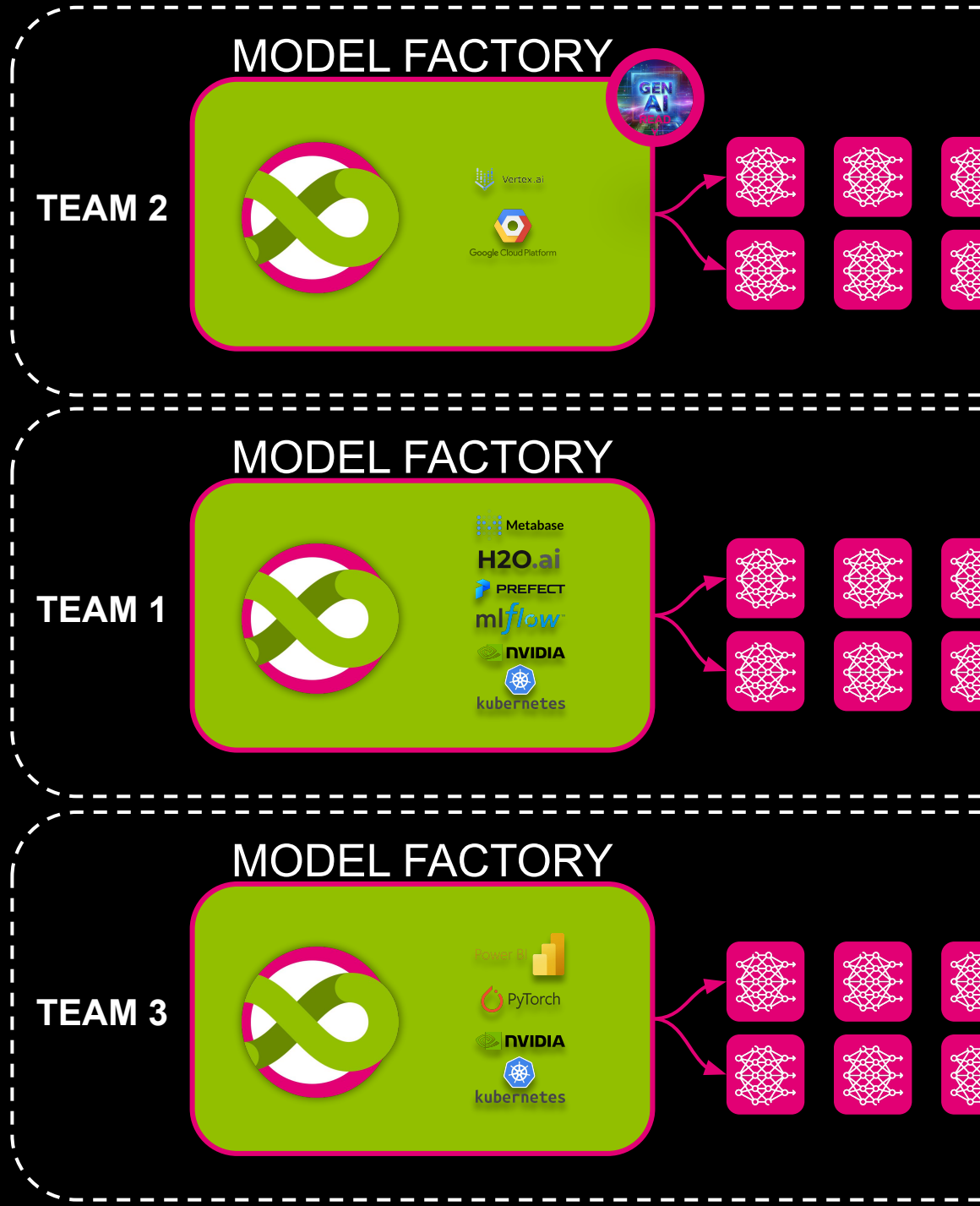


Customized **MLOps frameworks** according to team use-cases

Chatbot models based on Generative AI algorithms build in Public Cloud environment

Propensity modelling based on Boosted trees algorithms build in Private cloud environment

Deep learning models build on GPU cards embedded in Private cloud environment



Centralized **Provider** & orchestrator of personalized and scalable **Model Factory** instances

AI TECH

VISUALIZATION

MODELLING

ORCHESTRATION

PLATFORM

Metabase
Power BI
NVIDIA
PyTorch
Vertex.ai
TensorFlow
H2O.ai
Synapse ML
PREFECT
mlflow
Google Cloud Platform
kubernetes

Responsible for **Tools** & **Services** deployment, configuration and maintenance

MODEL FACTORY

Vertex.ai
Google Cloud Platform

MODEL FACTORY

Metabase
H2O.ai
PREFECT
mlflow
NVIDIA
kubernetes

MODEL FACTORY

Power BI
PyTorch
NVIDIA
kubernetes

BENEFITS

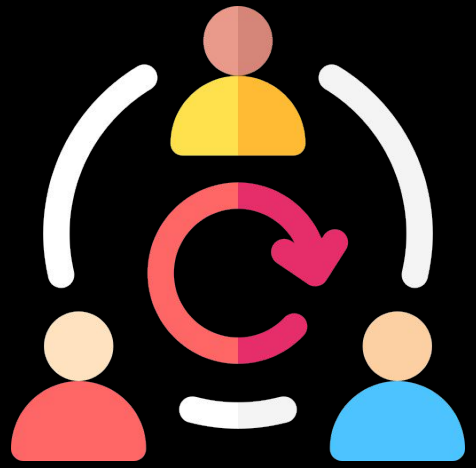
IMPROVED TIME TO MARKET

Significantly shorten time for delivery of end-to-end AI/ML solutions

Data Scientists focused on AI models & data

MLOps Engineers focused on Tools & Services

Unification & Automation of processes



COLLABORATIVE PLATFORM

Know-how sharing & cooperative development

Defines way-of-work, standards and concepts

Easier on-boarding & agenda transfer

Develop once - deploy anywhere

STABILITY & TRUST

Key driver for AI & Data Driven company

Less errors and higher reliability in production

Stable & Scalable AI domain platform

Transparent foundations

LET’S
CONNECT