

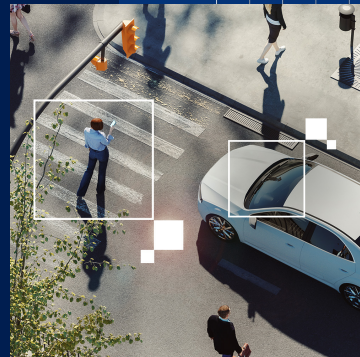
intel ai

Embracing the Future with Intel's AI Portfolio and its Impact on Enterprise

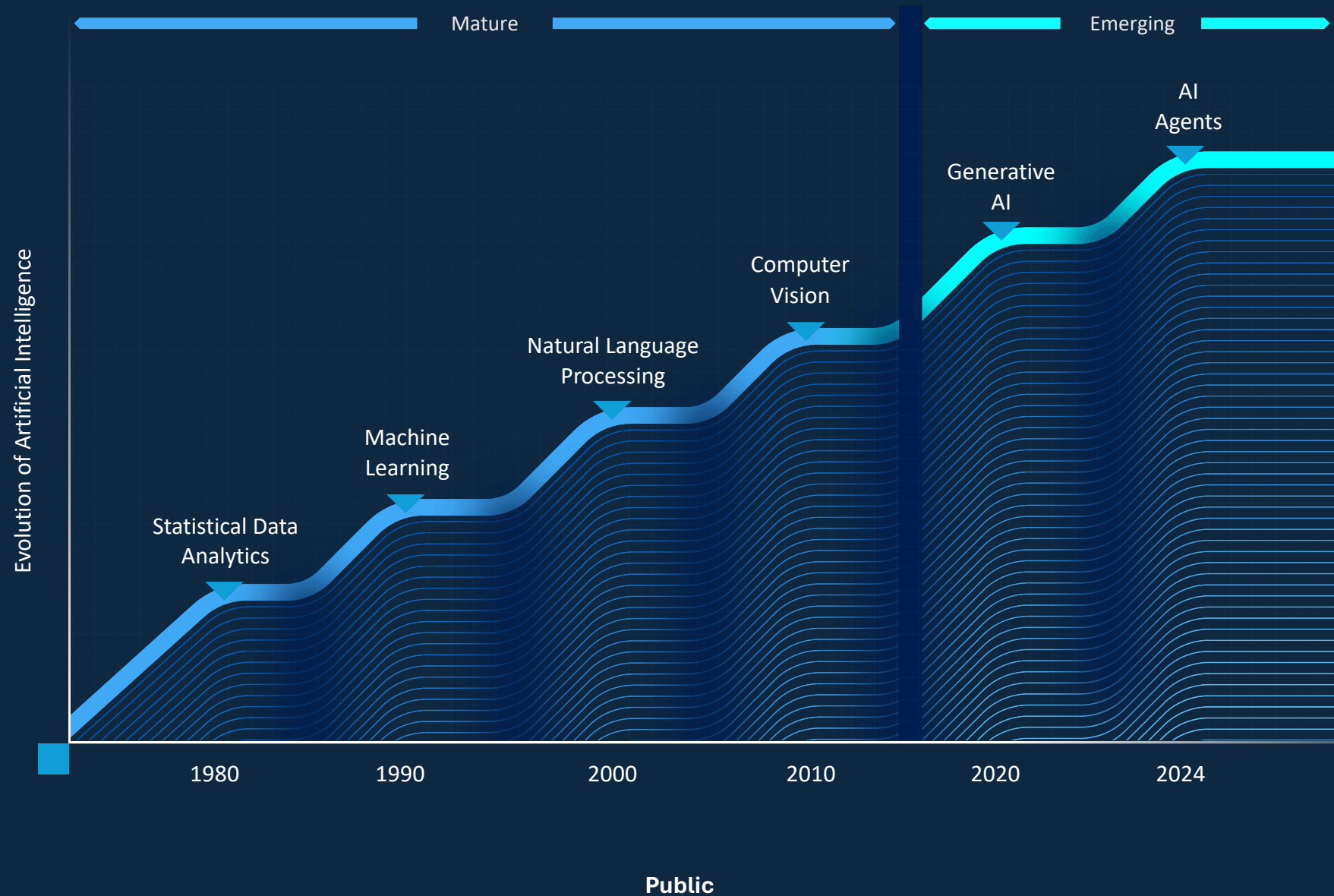
Albertano Caruso, Sales Application Engineer

Swiss Dev Confederation,

Zürich, Sept 23rd 2025



Evolution of AI Applications in Enterprise Use Cases



Understanding AI Segmentation

Regression

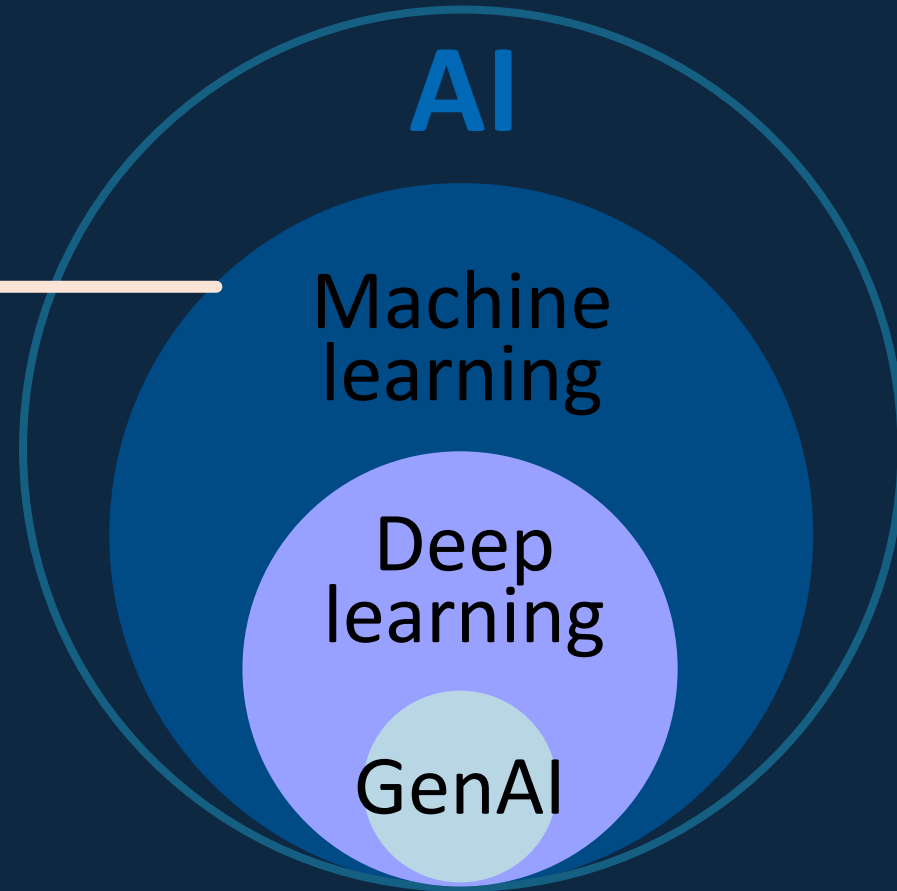
Classification

Clustering

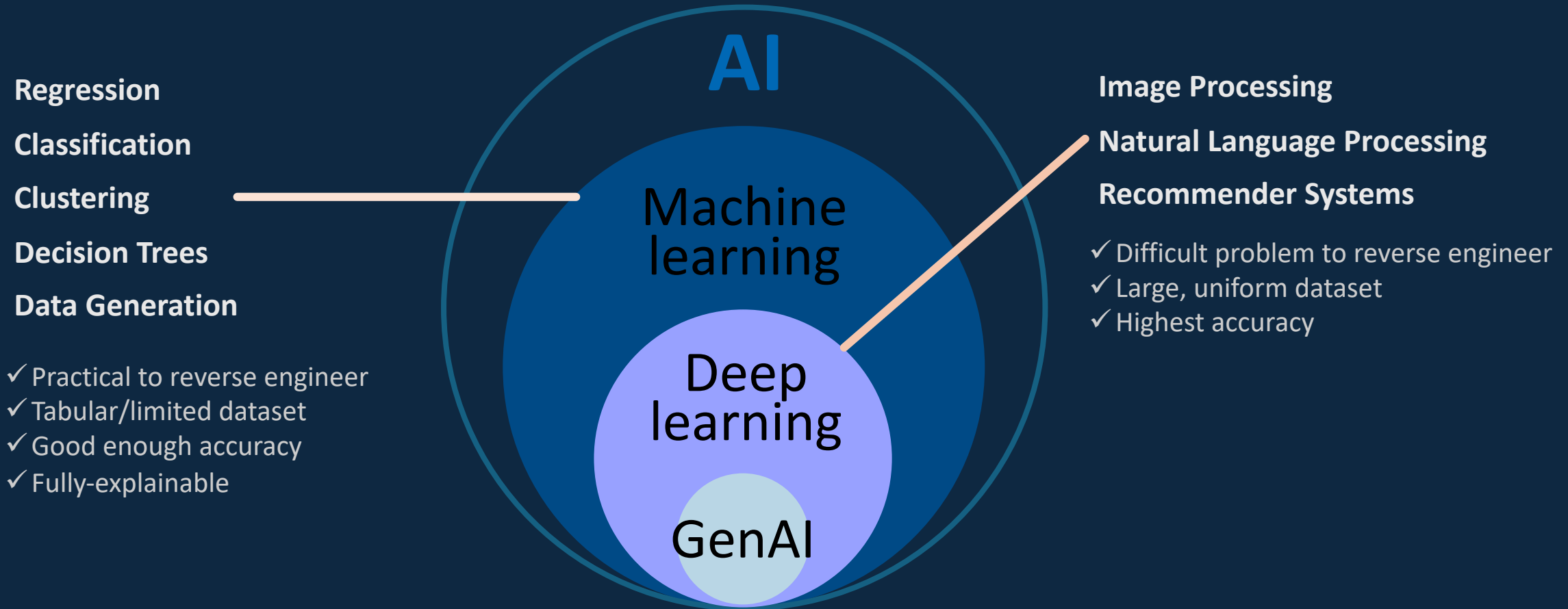
Decision Trees

Data Generation

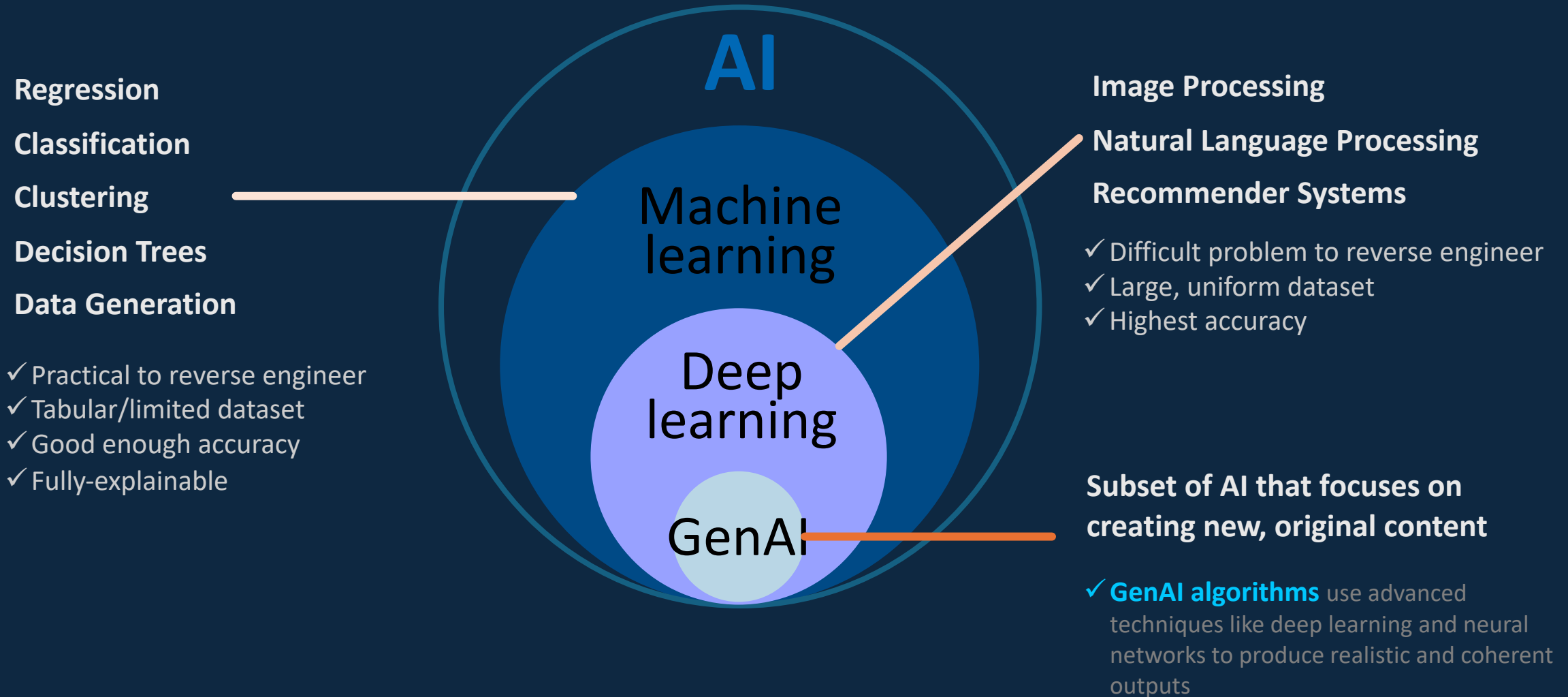
- ✓ Practical to reverse engineer
- ✓ Tabular/limited dataset
- ✓ Good enough accuracy
- ✓ Fully-explainable



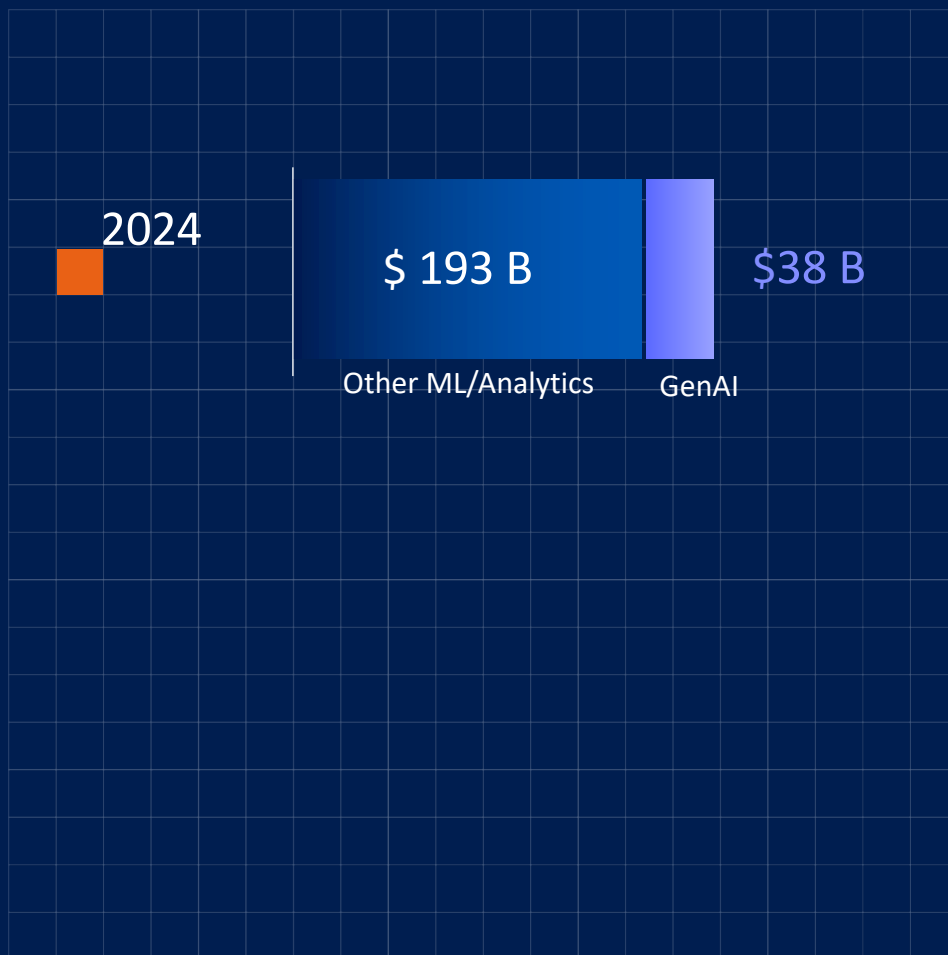
Understanding AI Segmentation



Understanding AI Segmentation



The AI Landscape is broad.
Both Gen AI and ML/Analytics are growing.

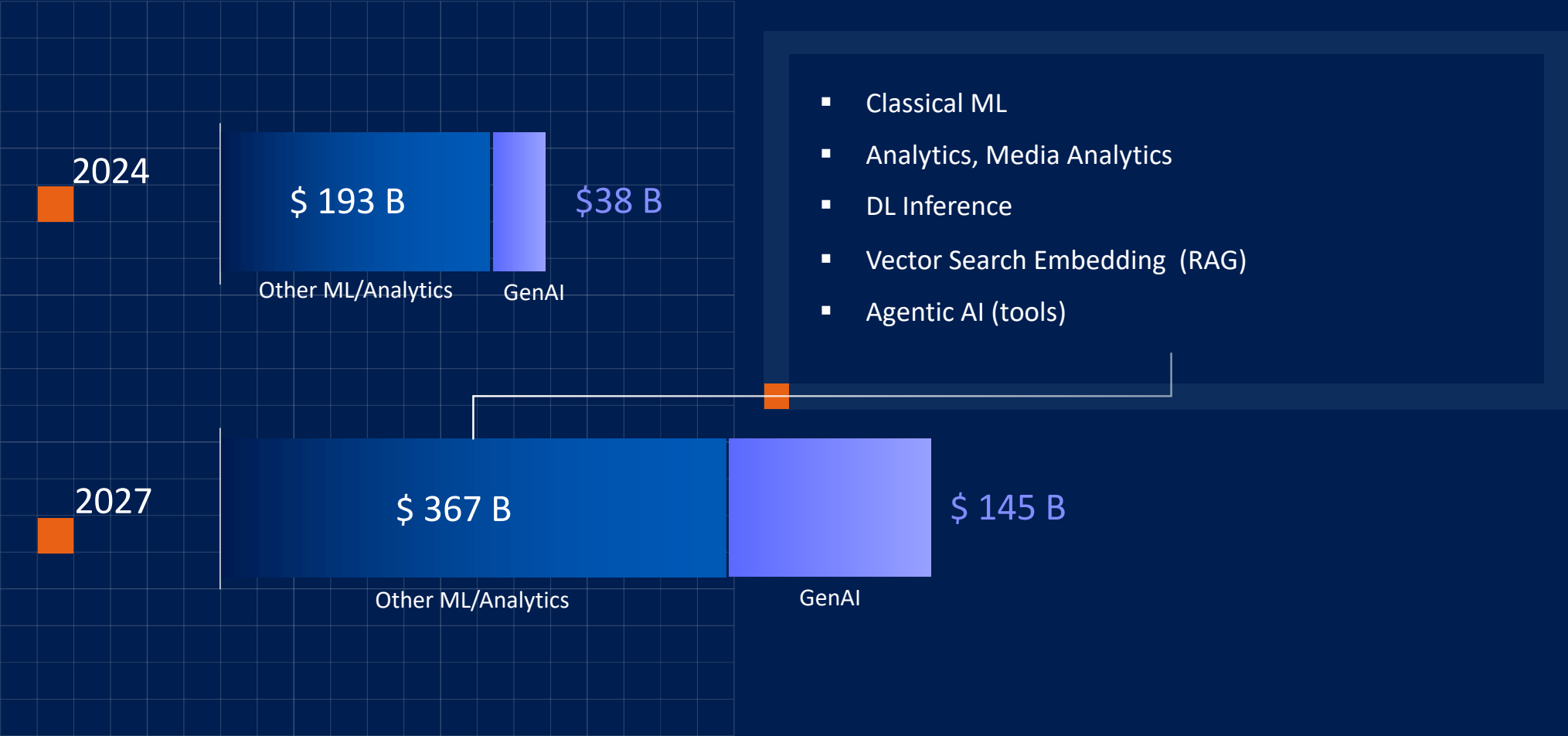


<https://www.gartner.com/en/documents/4558899>

<https://www.idc.com/fdsfile/download/0cb3a164-e692-412b-a7ce-514e5f3bcee3>

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AI Integrates into Every Enterprise Workload

AI Customer Service Agent



Ingest and index data

Vector store setup/search

Build RAG Pipeline

LLM Inference

Orchestrate Backend

AI Functions

General Purpose

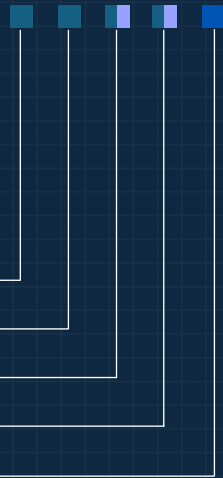
Public

AI Integrates into Every Enterprise Workload

AI Customer Service Agent



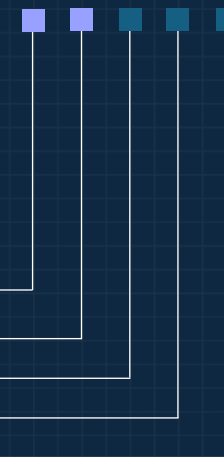
Ingest and index data
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Edge AI retail loss prevention



Computer Vision analytics for Loss Prevention
AI Driven Personalization
Click & Pay Services
Inventory Management
Payment Gateway



AI Functions

General Purpose

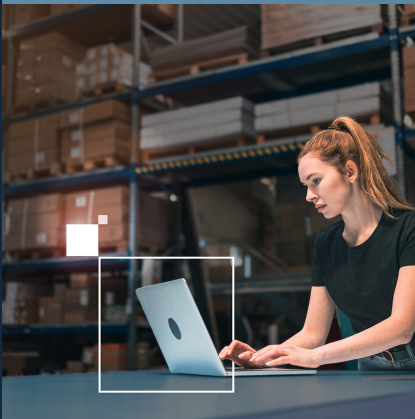
AI Integrates into Every Enterprise Workload

AI Customer Service Agent



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- Vector store setup/search
- Build RAG Pipeline
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Edge AI retail loss prevention



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AI PC enabled marketer

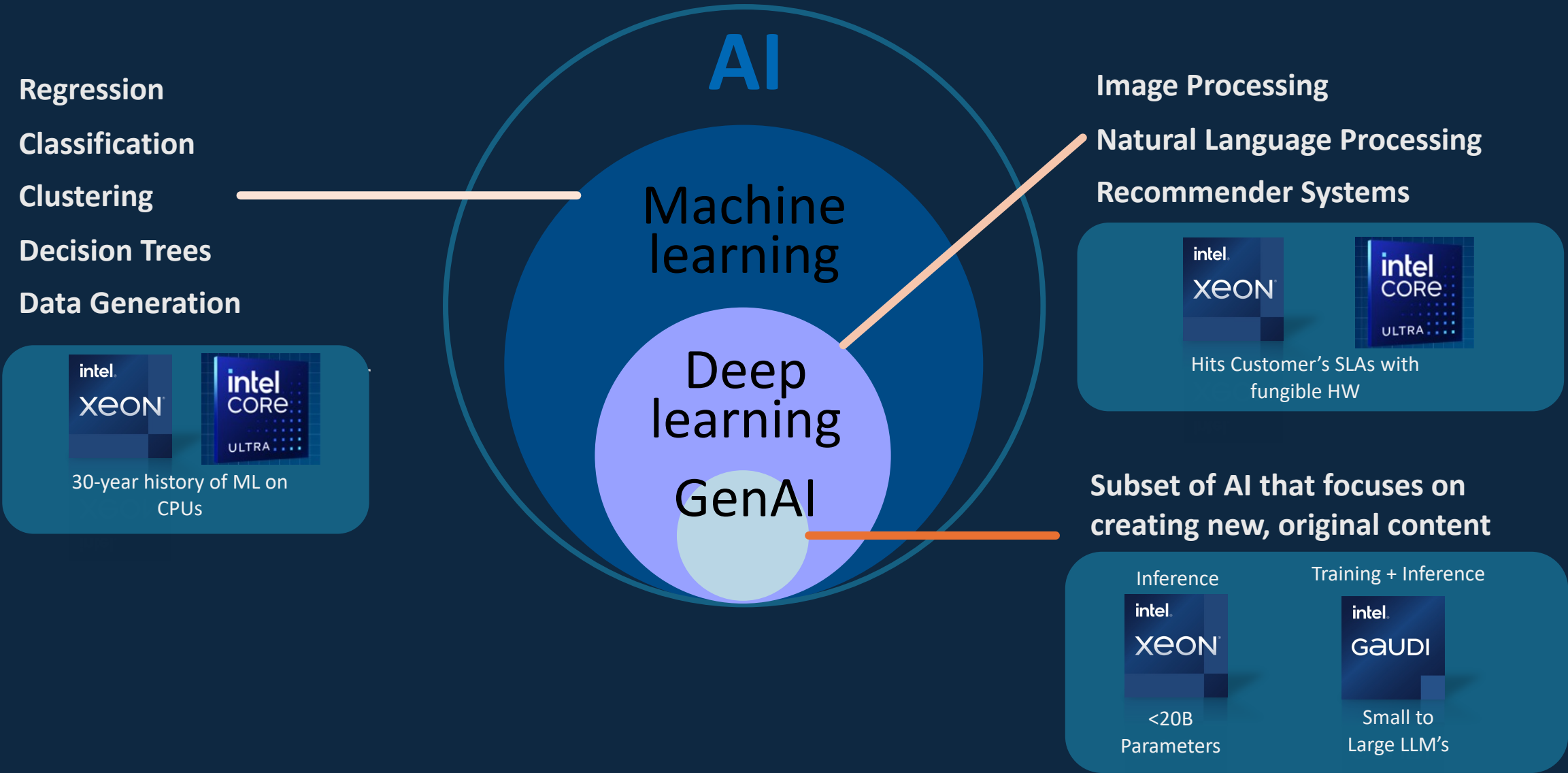


- Claude generated DeepSeek Blog draft
- Imagery prompting from Stable Diffusion to enhance blog visuals
- Microsoft Productivity tools to review, finalize and publish blog

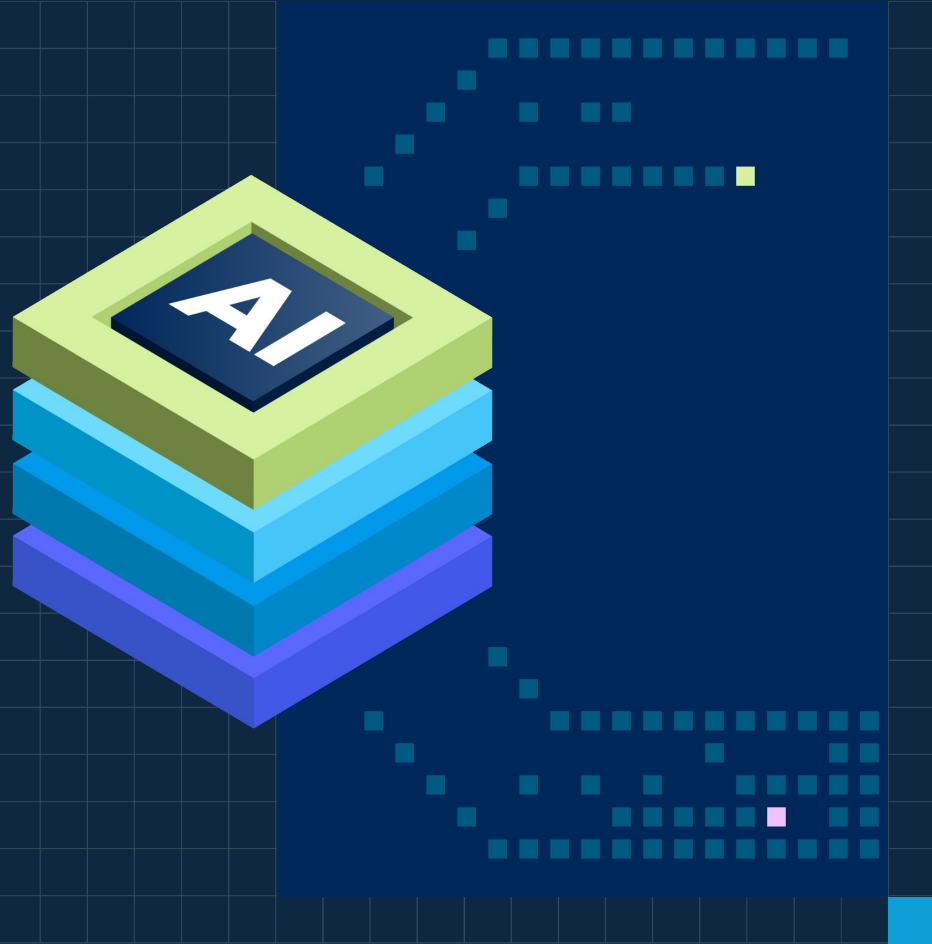
AI Functions

General Purpose

AI Segmentation & Intel Product Alignment



Intel's AI Strategy



Open

Less cost, No lock-in.

Innovation

AI PC to Edge to Datacenter & Cloud

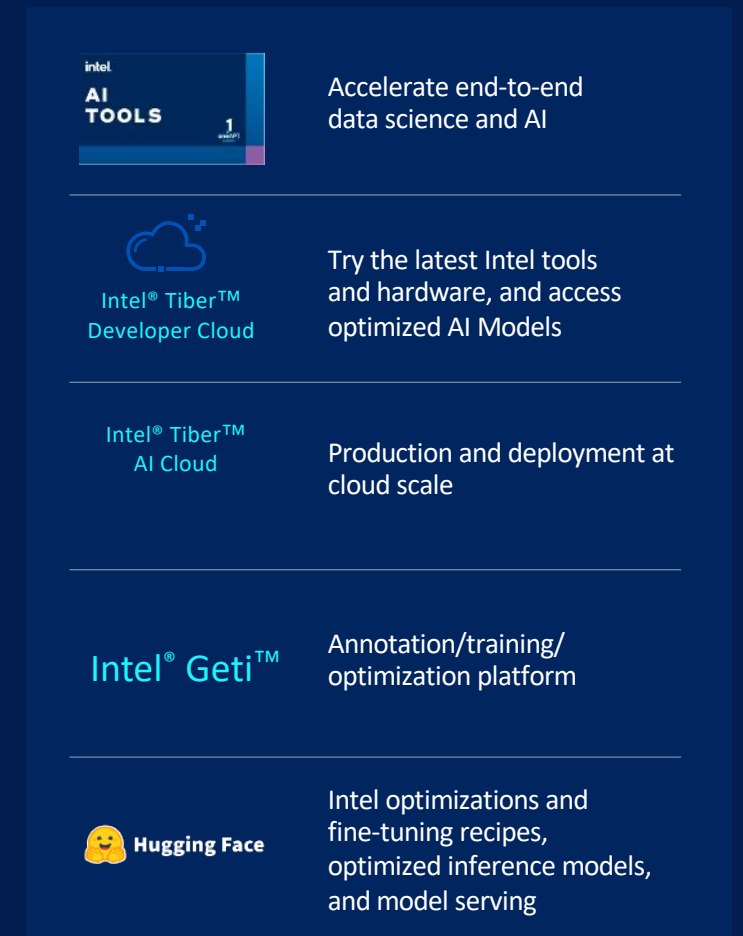
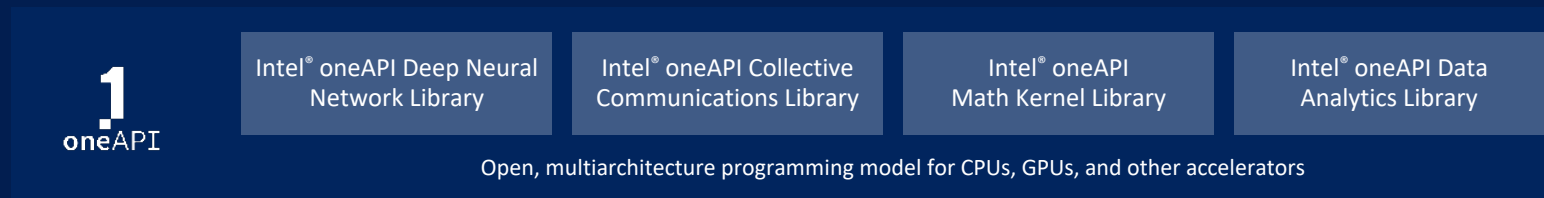
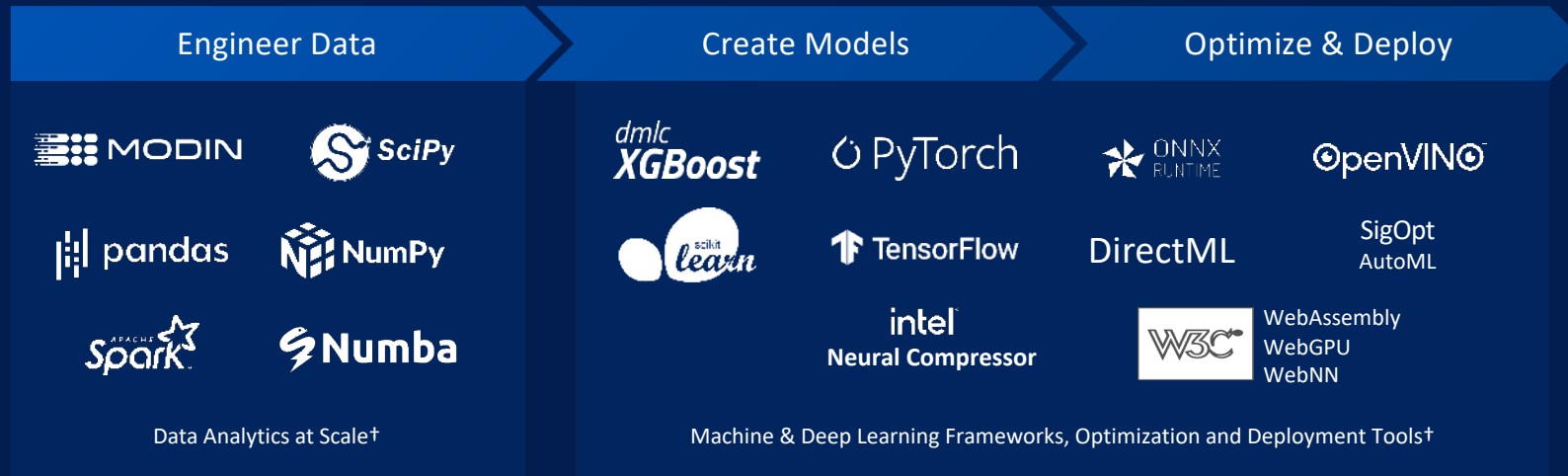
Efficient

Performance per \$ & per W leadership

Secure

Data as your IP & Models as your IP

Intel AI open SW & frameworks



Note: components at each layer of the stack are optimized for targeted components at other layers based on expected AI usage models, and not every component is utilized by the solutions in the rightmost column

What is OpenVINO™ Toolkit

OpenVINO™ open-source software enables users to convert, optimize, and deploy AI models across Intel and 3rd party hardware without any restriction imposed by proprietary licenses



Performance

Accelerates inference, reduces footprint, and optimizes hardware utilization while maintaining accuracy, so that you can build performant and efficient AI applications



Usability

Streamlines AI development and deployment, so that you can save time and maximize productivity



Versatility

Provides adaptability to different requirements and use cases, so that your application can meet current and future needs

Simplifying enterprise
generative AI adoption and
reducing the time to
production of hardened,
trusted solutions

[Open Platform For Enterprise AI](#)

[Intel AI for Enterprise Inference](#)



**Open Platform
for Enterprise AI**

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