AI & Lavoro
istruzioni per l'uso
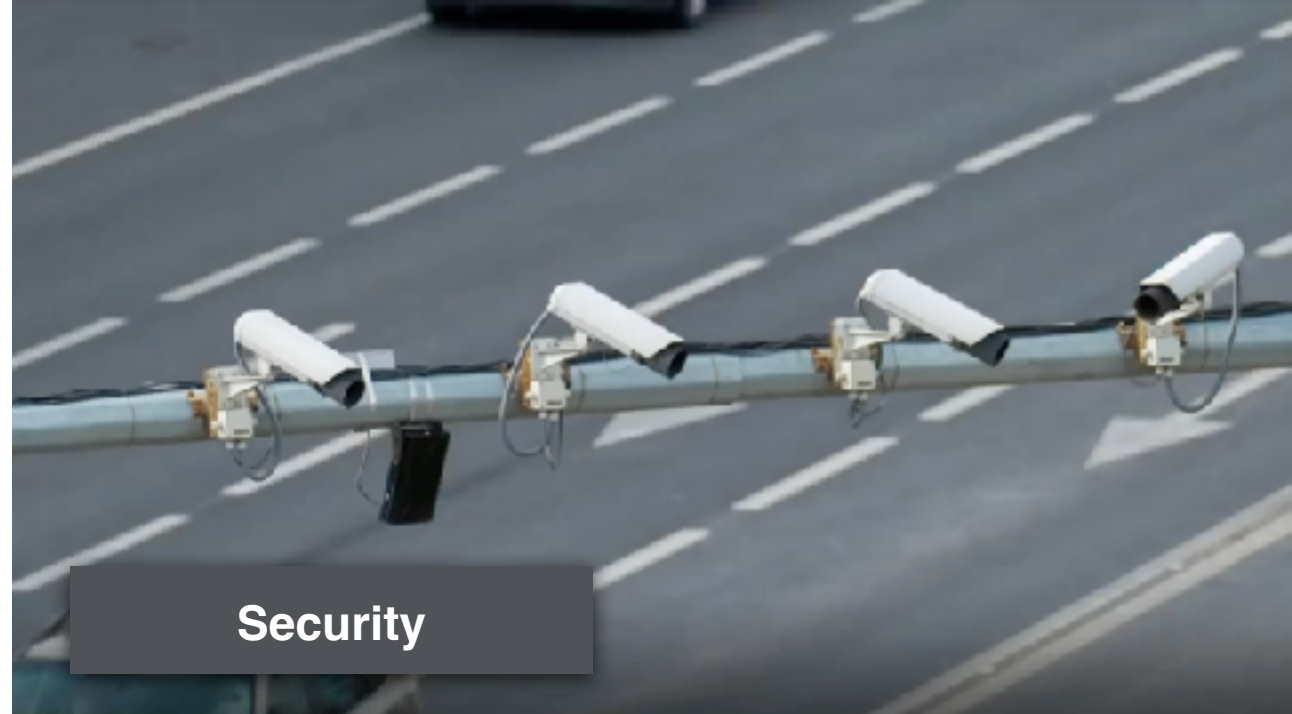
Barbara Caputo, Politecnico di Torino

AI = automazione dell'analisi del dato digitale

Security

Industry 4.0

Aerospace

+4.7B$

+11.5B$

+5.9B$

+37.5B$

+1.8B$

+8.6B$
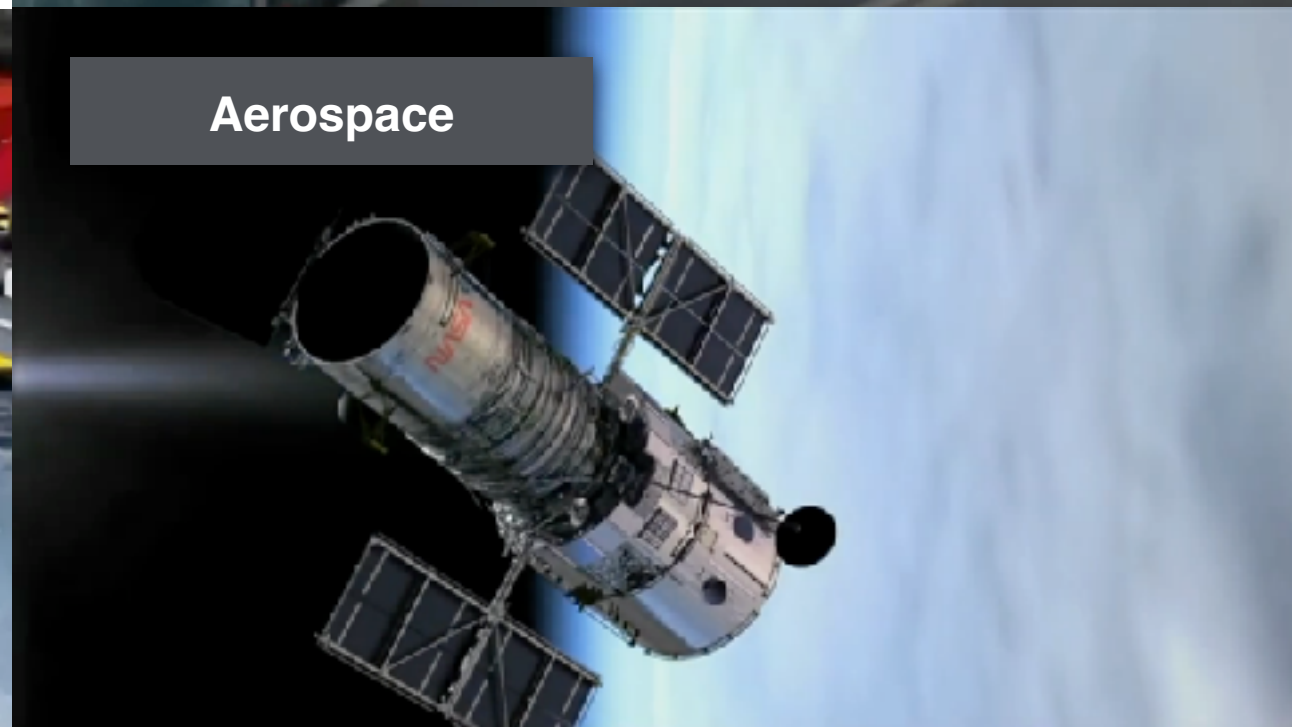
Crowd Analytics
Market size to 2028
"Verified Markets Research"

Media Analytics
Market size to 2029
"Fortune Business Insights"

Crop Monitoring
Market size to 2027
"Emergen Research"

GeoImage Analytics
Market size to 2026
"Markets and Markets"

Waste Sorting
Market size to 2027
"Allied Markets Research"

Defect Detection
Market size to 2026
"Report Linker"

Security
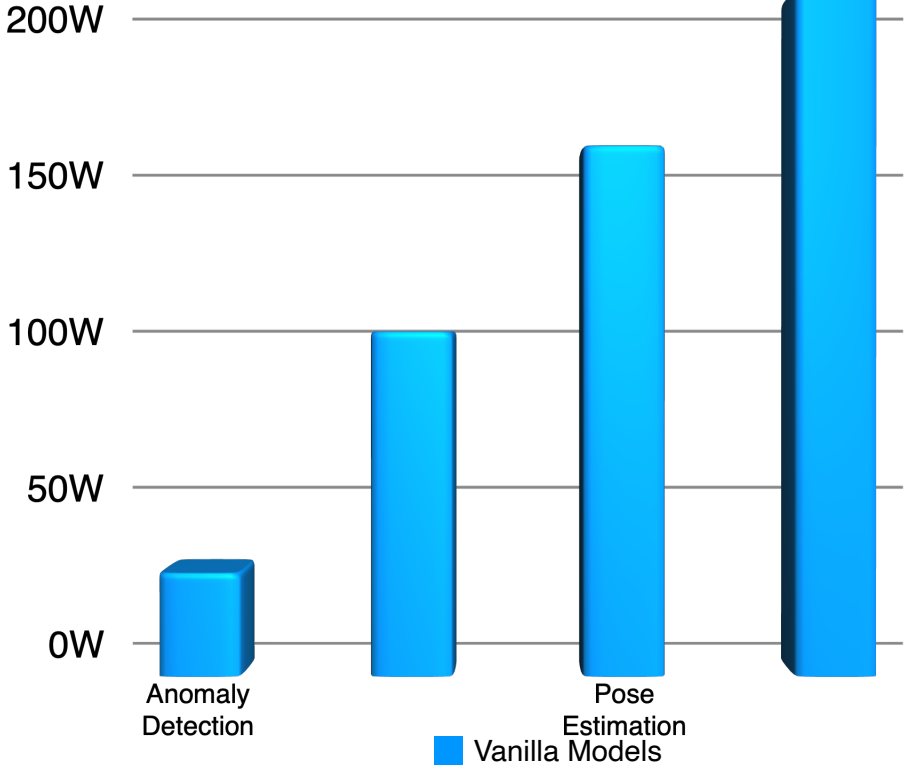
Aerospace

Industry 4.0

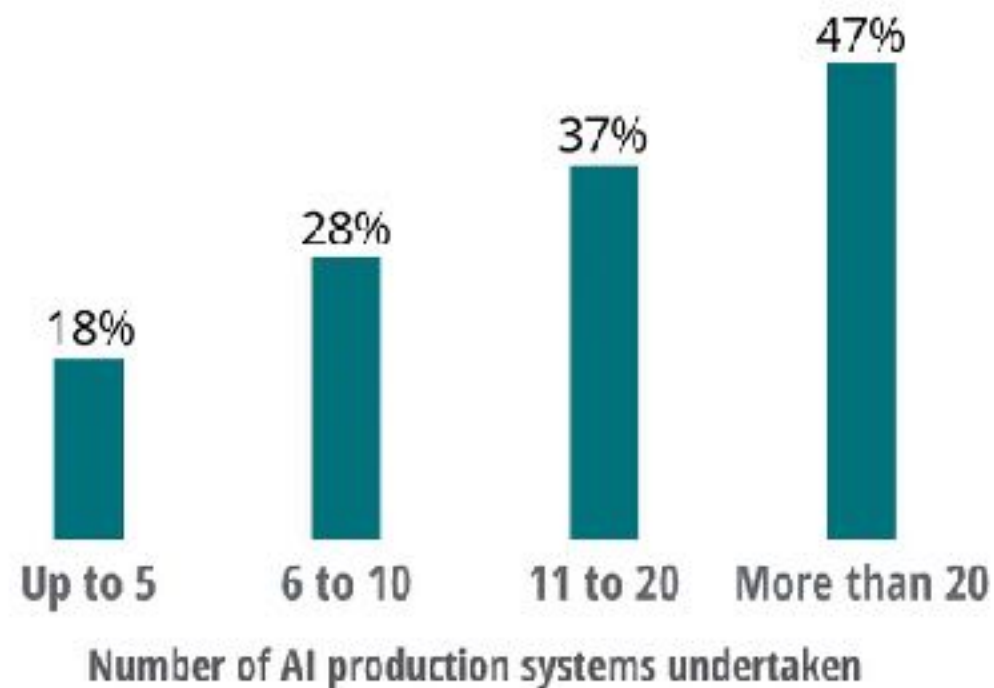**Just some applications, but many more to come**

a +BLN$ opportunity

No Free Lunch

Aerial Segmentation for crop monitoring

200W
150W
100W
50W
0W

Anomaly Detection

Pose Estimation

Vanilla Models

No **Free** Lunch

Companies with greater experience building AI systems also report a larger AI skills gap

Adopters reporting major-to-extreme AI skills gap

18% — Up to 5
28% — 6 to 10
37% — 11 to 20
47% — More than 20

Number of AI production systems undertaken

Source: Deloitte analysis based on Deloitte's AI in the Enterprise, 2nd Edition survey of 1,900 AI early adopters in seven countries.

Deloitte Insights | deloitte.com/insights

Emerging **Trends**

GPT-4

We've created GPT-4, the latest milestone in OpenAI's effort in scaling up deep learning. GPT-4 is a large multimodal model (accepting image and text inputs, emitting text outputs) that, while less capable than humans in many real-world scenarios, exhibits human-level performance on various professional and academic benchmarks.

Be My Eyes
Be My Eyes uses GPT-4 to transform visual accessibility.

Rischi ed opportunità'

Optimize existing processes

Rischi ed **Opportunita'**

Create new revenue streams

Rischi ed Opportunita'

Safety for workers

A risk-based approach to regulation

Unacceptable risk
e.g. social scoring
— **Prohibited**

High risk
e.g. recruitment, medical devices
— **Permitted** subject to compliance with AI requirements and ex-ante conformity assessment

*Not mutually exclusive

AI with specific transparency obligations
'Impersonation' (bots)
— **Permitted** but subject to information/transparency Obligations

Minimal or no risk
— **Permitted** with no restrictions

European Commission

Grazie

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