

Davide Cesani, Ph.D.

Industrial AI & R&D Consultant

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Italy-based independent consultant - available for selected project engagements



From technical feasibility to a validated Industrial AI Proof of Concept

I help manufacturing companies and R&D teams determine whether an Industrial AI use case is technically viable and turn it into a validated Proof of Concept.

Consulting services

1. AI Feasibility & Data Readiness

Data review, technical baseline and validation criteria to support a grounded go/no-go decision.

3. Generative AI & Document Intelligence

RAG and technical-document workflows that make knowledge easier to query and use.

2. Industrial AI Proof of Concept

Testable prototypes for predictive maintenance, anomaly/fault detection, prognostics and decision support.

4. Technology Transfer & Training

Technical documentation, handover and targeted workshops for your internal team.

Core expertise

Predictive Maintenance	Fault & Anomaly Detection	RUL Prognostics
RAG & LLM Systems	Technical Document Intelligence	Time-Series Forecasting
System Identification		

Typical starting points

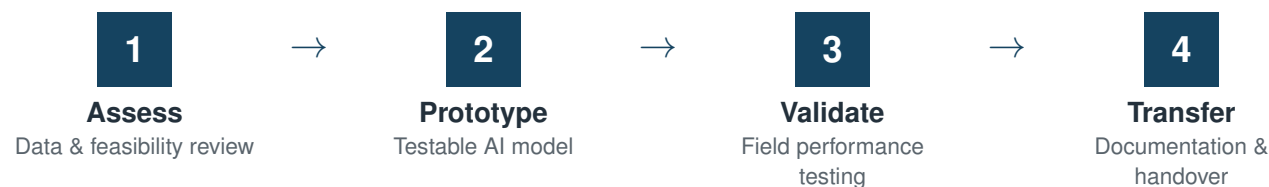
Technical go/no-go

Can the data available for an operational question support an AI approach?

Technical knowledge at work

How can manuals, procedures and technical PDFs become easier to consult?

A practical engagement path



Ph.D. | Senior AI Researcher | TRL 3 → 6

Discuss a technical use case

Turn an initial Industrial AI question into a technically grounded assessment or a validated Proof of Concept.

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