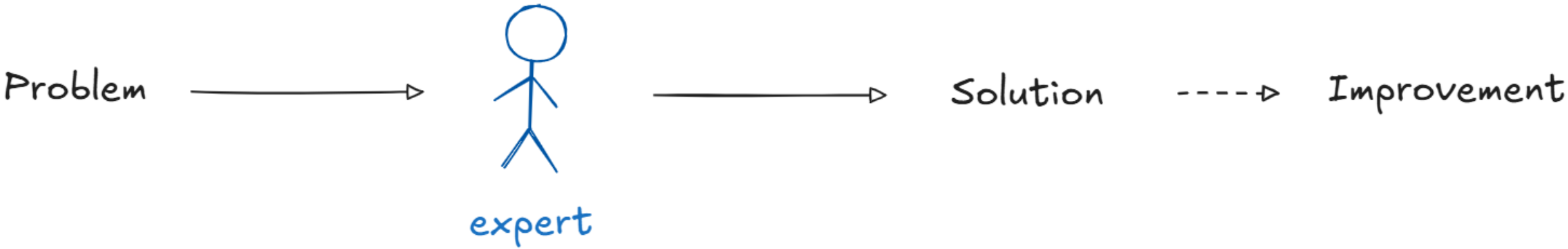


Meti

industrial know-how

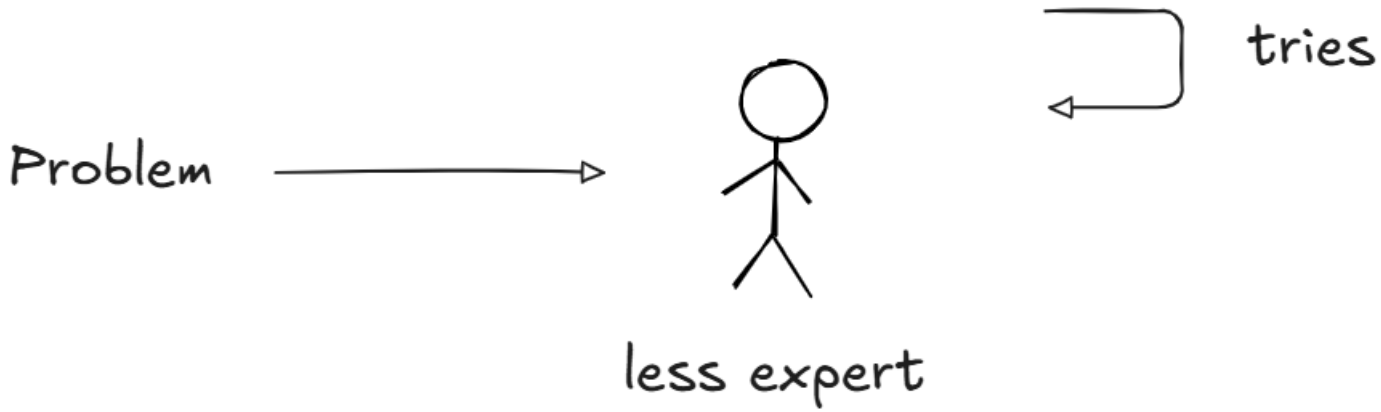
POWERED BY AISENT

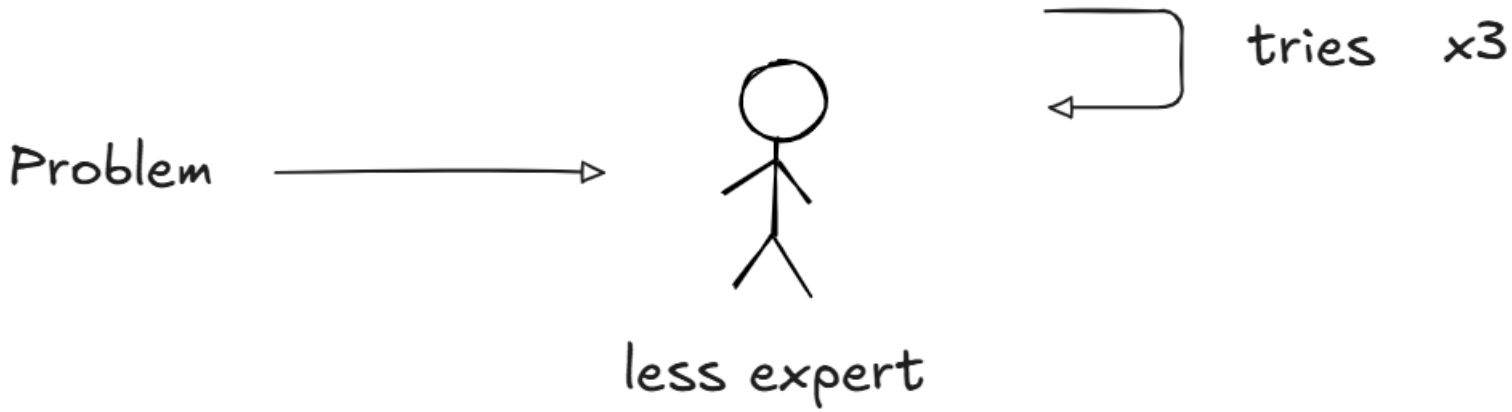

Problem
expert
Solution
Improvement

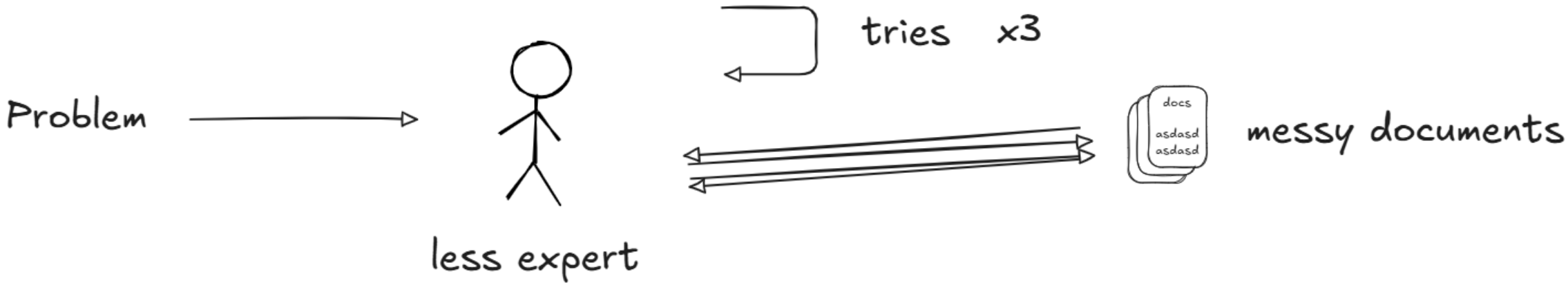
Problem

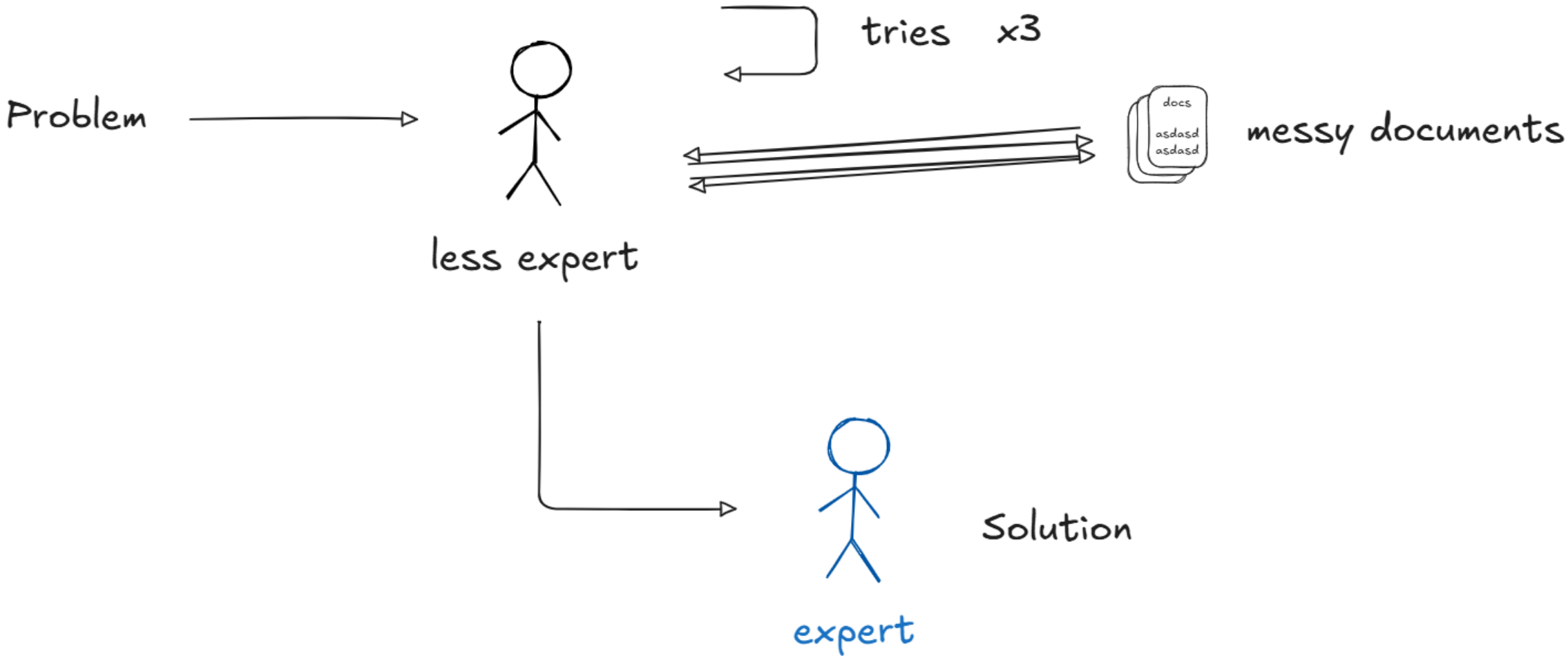


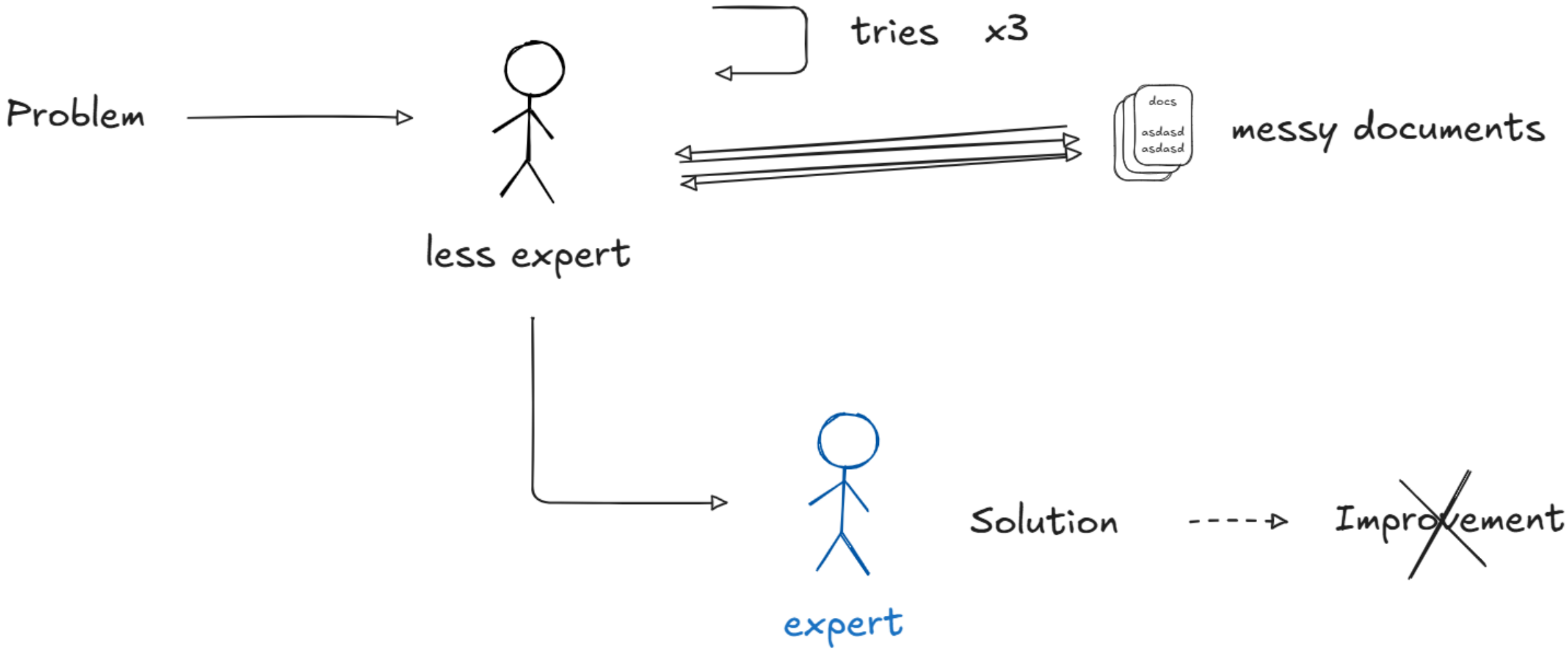
less expert


Problem
tries
less expert


Problem
tries x3
less expert

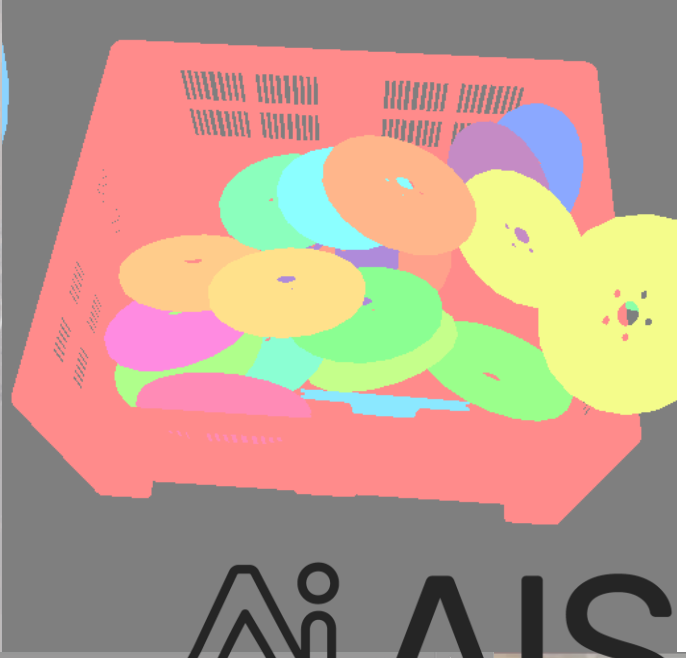

Problem
tries x3
docs
asdasd
asdasd
messy documents
less expert

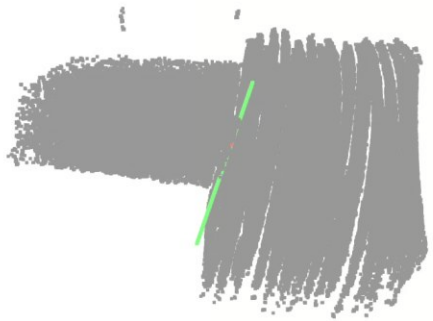

Problem
tries x3
docs
asdasd
asdasd
messy documents
less expert
Solution
expert


Problem
tries x3
docs
asdasd
asdasd
messy documents
less expert
expert
Solution
Improvement


AISENT — Meti
The true
industrial asset

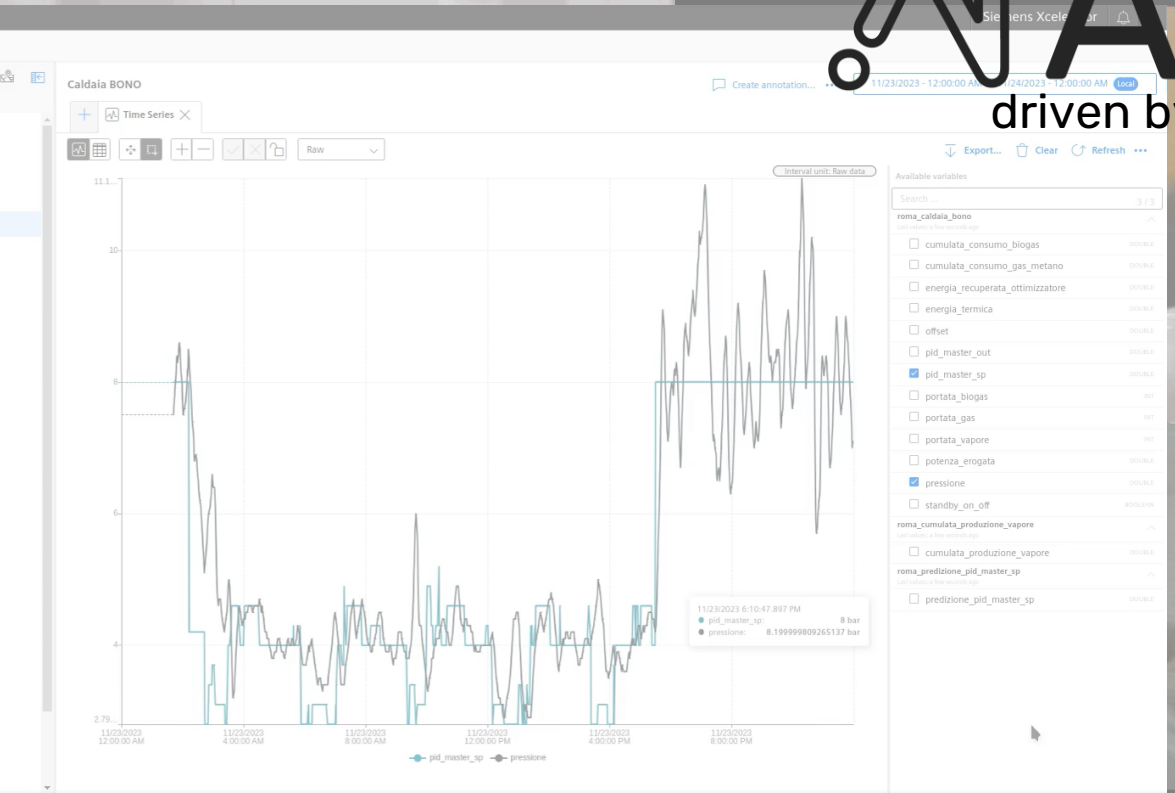






AISENT

driven by (industrial) data

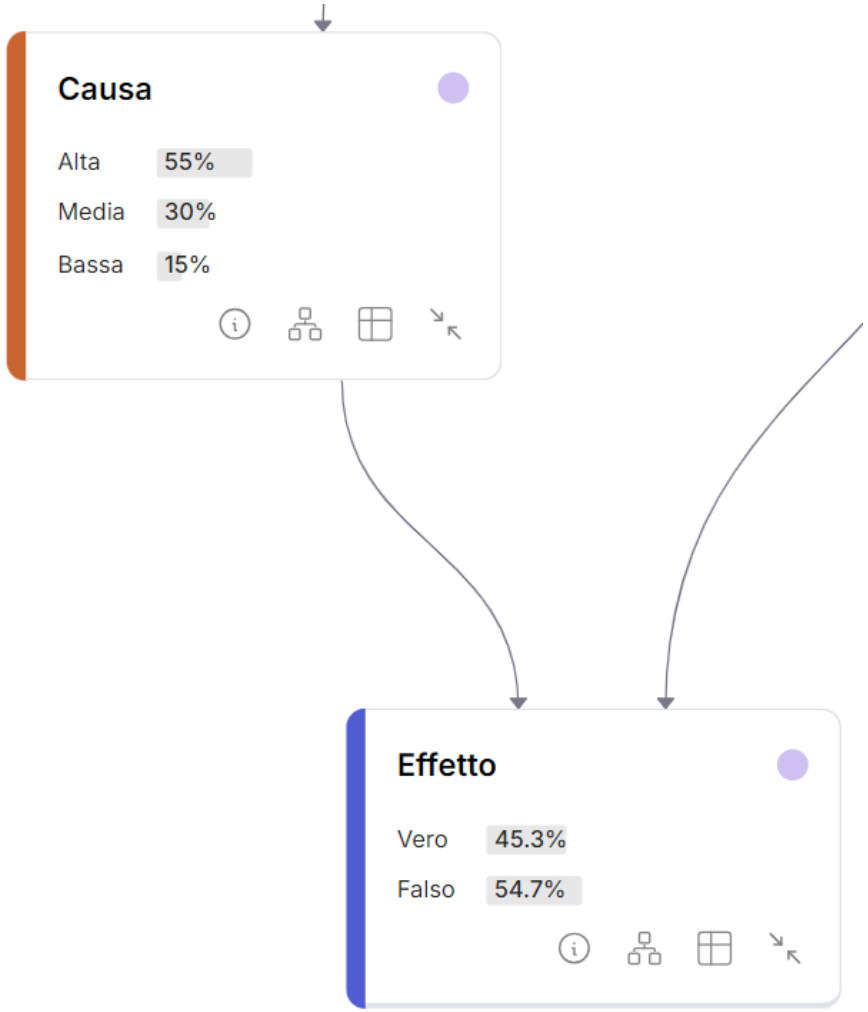




Digitalize industrial know-how by cause and effects thanks to causal AI

Experts know how process work, what are causes and effects.

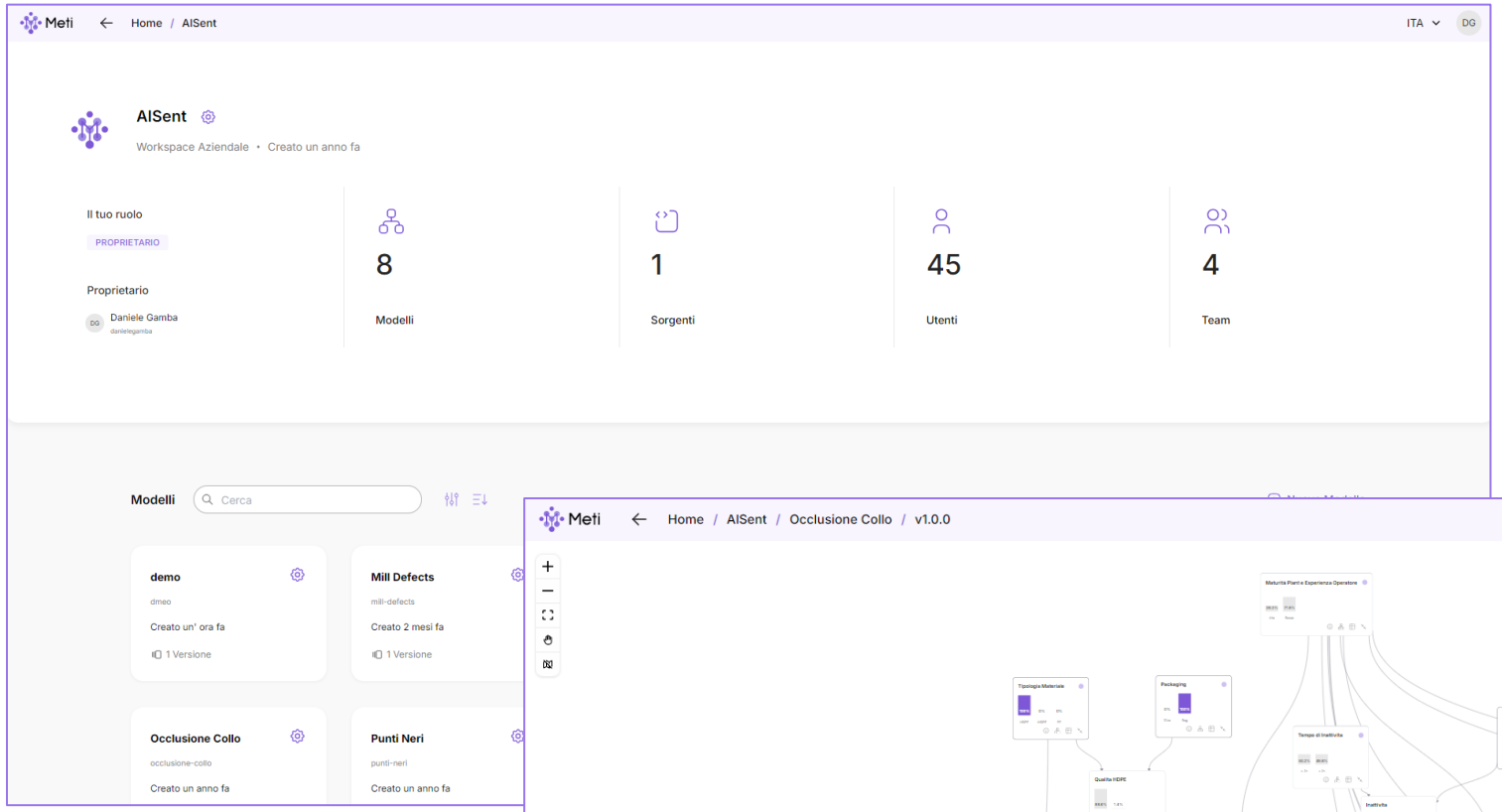
Can we share it with an algorithm?

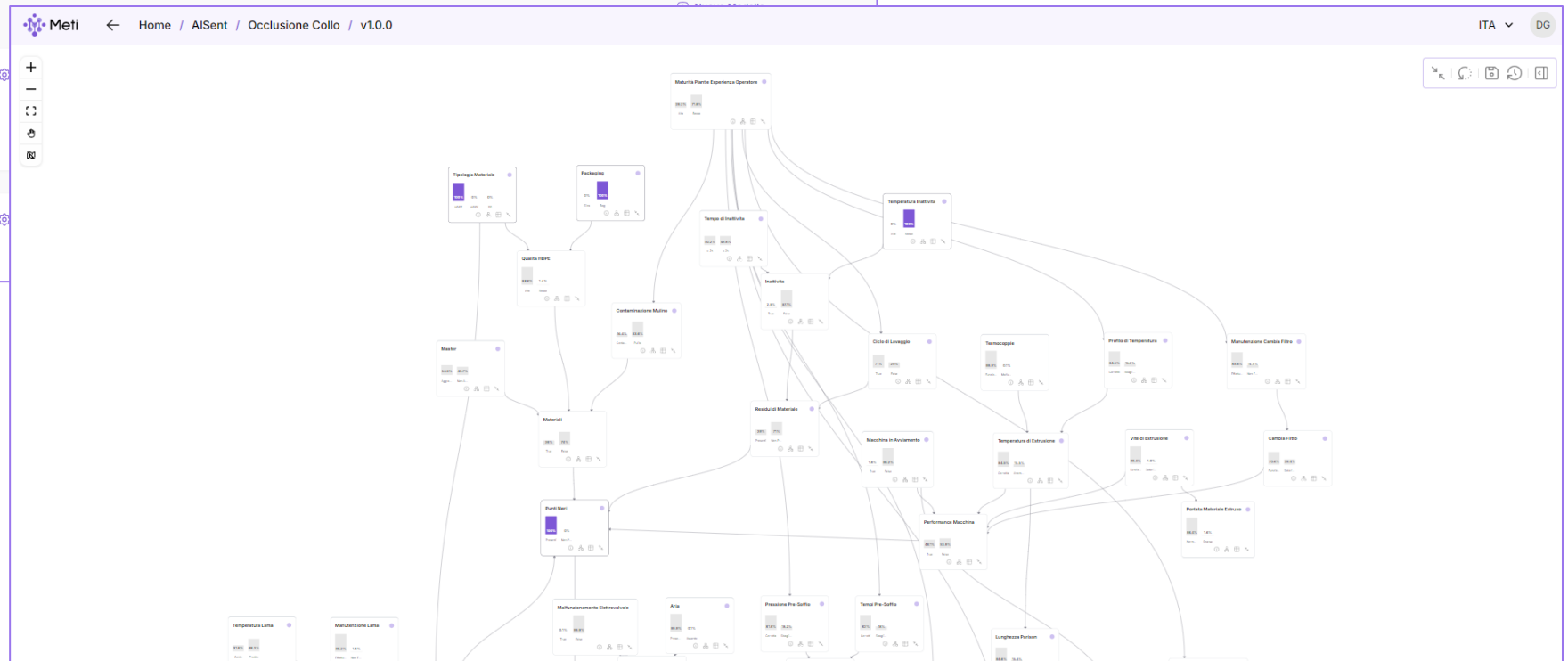


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The Brain

Meti web-app

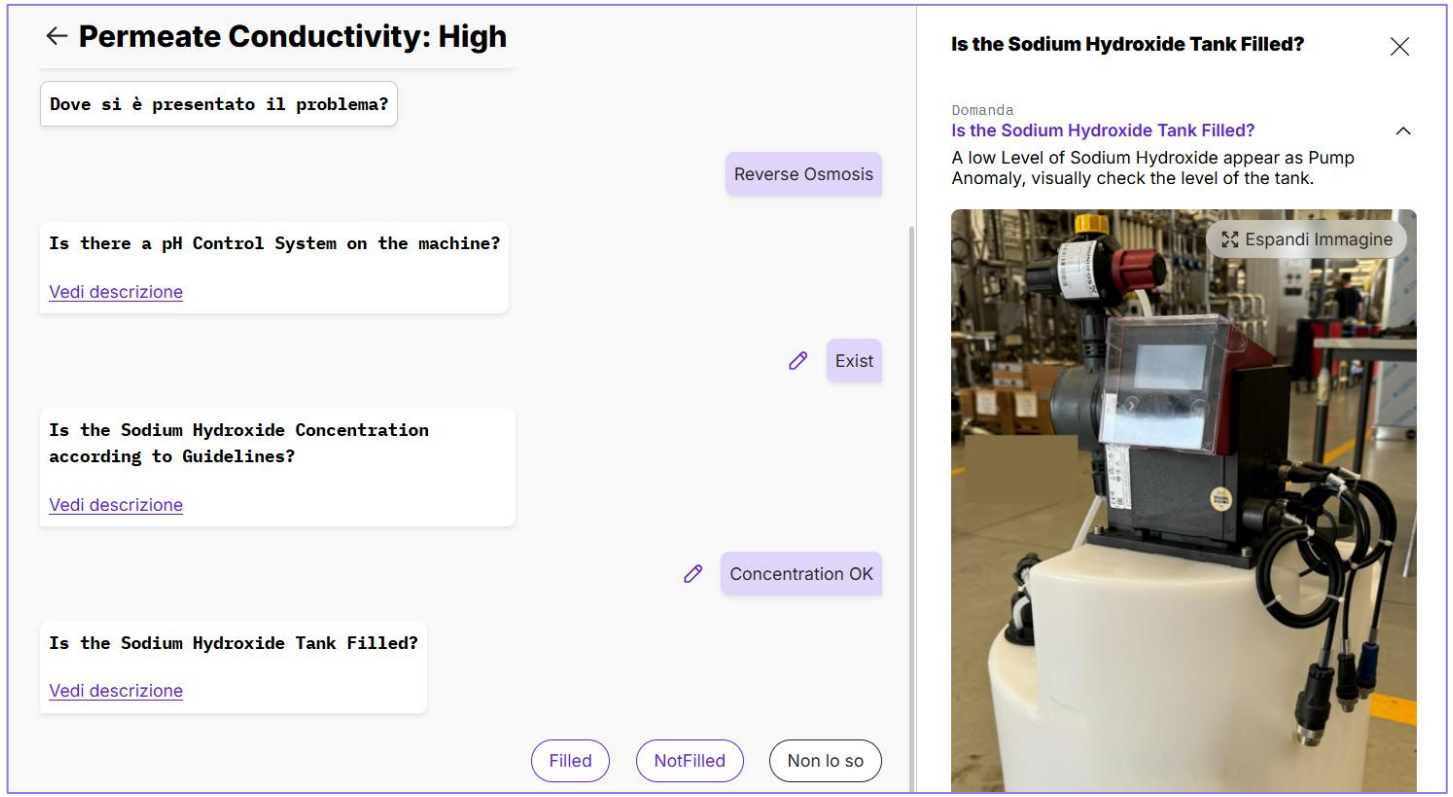


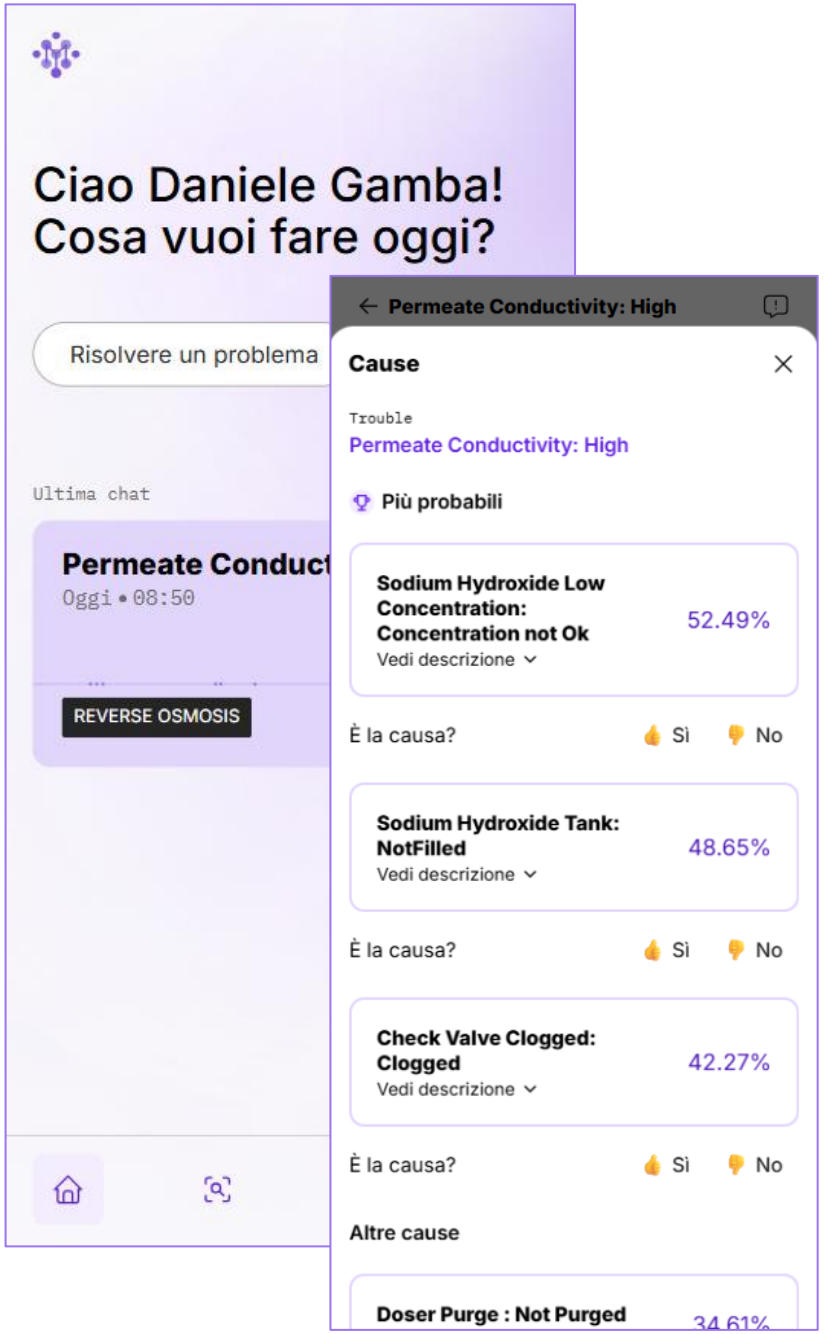


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The assistant, Meti chatbot

asking you the questions **deterministically**

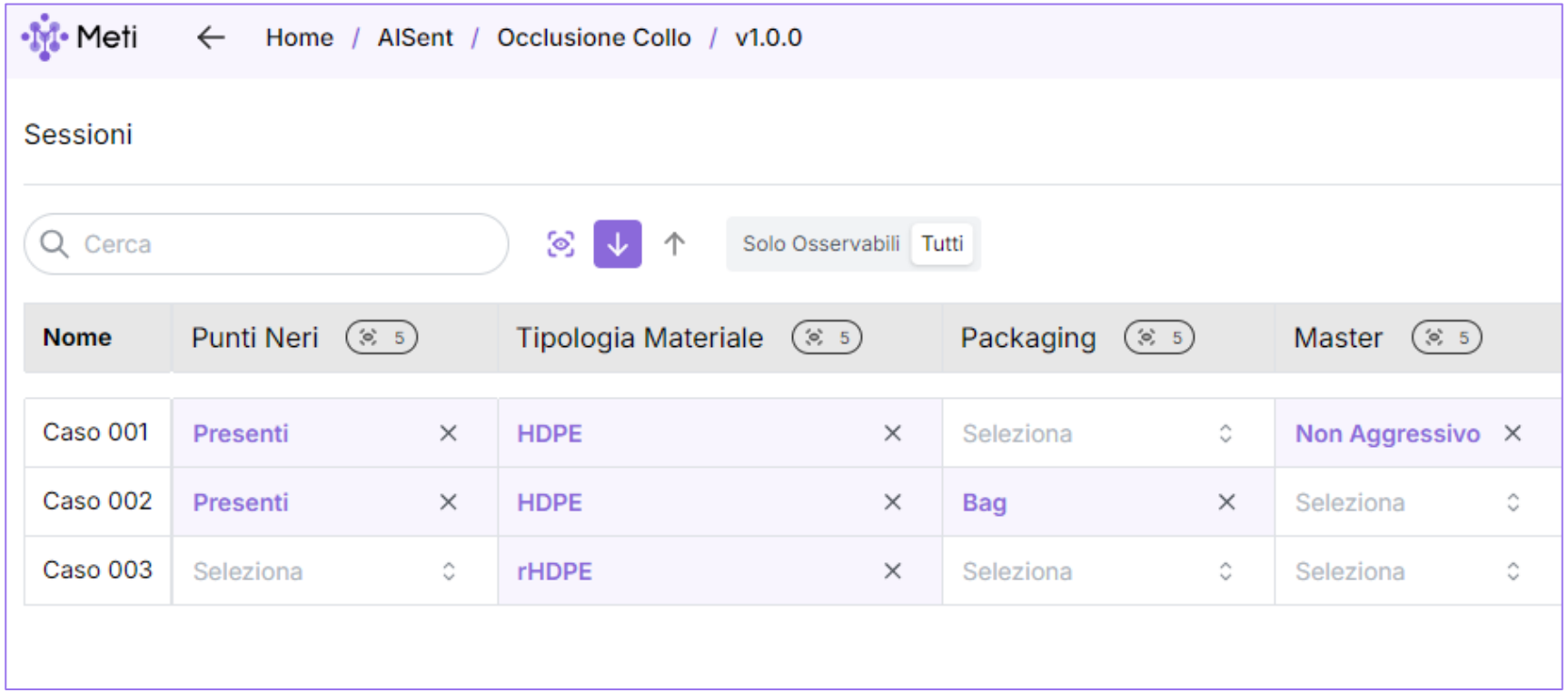




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Under the hood, continuously learn from examples

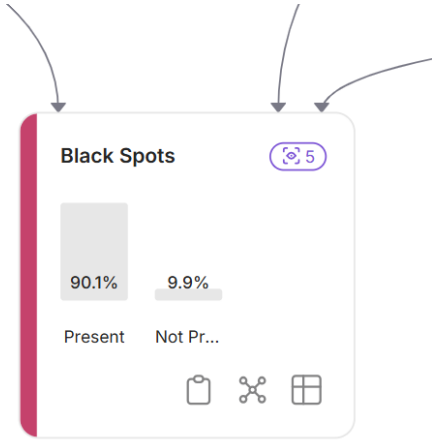
Partial observations and prior knowledge about process problems are merged by **our algorithm**.
The overall solution required 3 years of research and development.



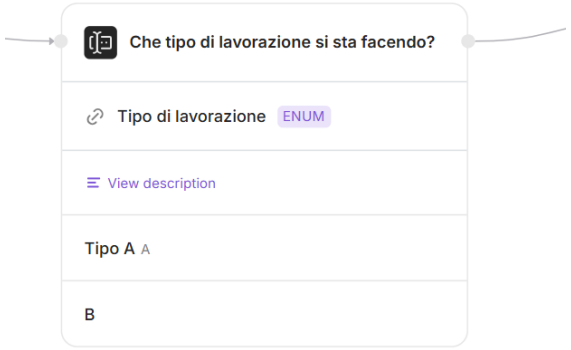
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The right structure for the right knowledge

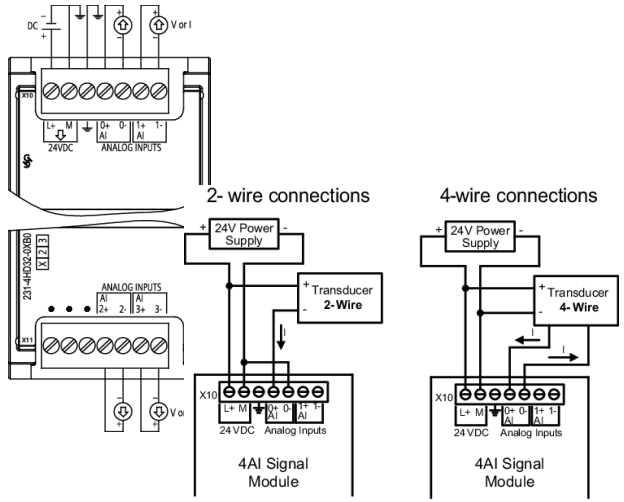
Knowledge comes in many forms, and we have a tool for each one



Causal Graphs for diagnosis



Flowcharts for procedures



Semantic Search and RAG for manuals

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And soon checklists, notes, ...

Methodology to interview

It’s not easy to interview experts, so we studied

how to ask questions
what to ask
how to interpret answers
how to interpret probabilities
...



Meti: Interviewing procedure

This document presents a structured account of the proprietary interview method used to draft Meti graphs.

The text is supplemented by:

- Quotes and suggestions on questions to ask: recognisable thanks to greater indentation and italics.
- Practical examples: based on a plastic bottle quality issue for a process of injection blow moulding, these are introduced by horizontal lines that separate them from the main text.

The content of this document is divided into main sections.
The first part describes the interview procedure and its five basic steps. The various steps for conducting an effective interview and organising the information gathered in order to facilitate the creation of the graph are outlined.
The next two sections explain in detail how to interpret the expert's account in order to estimate the level of observability and the probability of causes, respectively.
Finally, the last paragraph offers practical suggestions on how to handle special cases and particular behaviours that the model must force.

Interview

1. Bulleted list of causes

> *What are the main causes of the problem? A list is enough for now; we'll have time to explore them in more depth later.*

To begin the interview, list the main causes of the problem under consideration. At this stage, do not go into too much detail about the root causes, but simply obtain an overview of the potential issues.

Example:

Cut in the parison
Parison welder

Air pressure regulation
Male Die and Die Alignment

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Founded in 2018 to engineer AI.

We provide AI algorithms and products for industries in healthcare, transportation, consumer goods, machinery and defense.

Our customers are in Italy, France, Germany and rapidly growing.

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