Social intelligence software for robotics

REL8

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TODAY'S ROBOTS ARE SOCIALLY BLIND. THEY ACT *AT* HUMANS — NOT *WITH* THEM
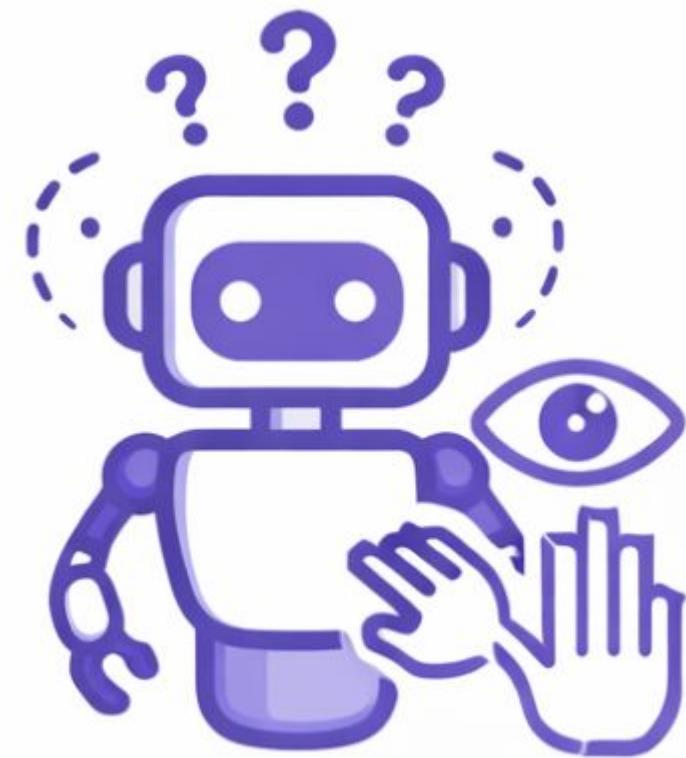
No Social Awareness

Robots struggle to interpret gaze, body language, and non-verbal cues – the signals humans rely on for natural interaction.

Slow & Costly to Build

Social perception is complex, fragmented, and expensive to develop, forcing teams to reinvent the same brittle solutions.

The Next Bottleneck

As robots move into public spaces, social understanding becomes a prerequisite, not a nice-to-have.

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THE SOCIAL AI STACK FOR HUMAN–ROBOT INTERACTION

Perception

Social Signals
Gaze, gestures, facial cues, attributes

Reasoning

Social Dynamics
Intent, turn-taking, interruption handling

Orchestration

Social Behavior
Gaze, social memory, context-aware replies

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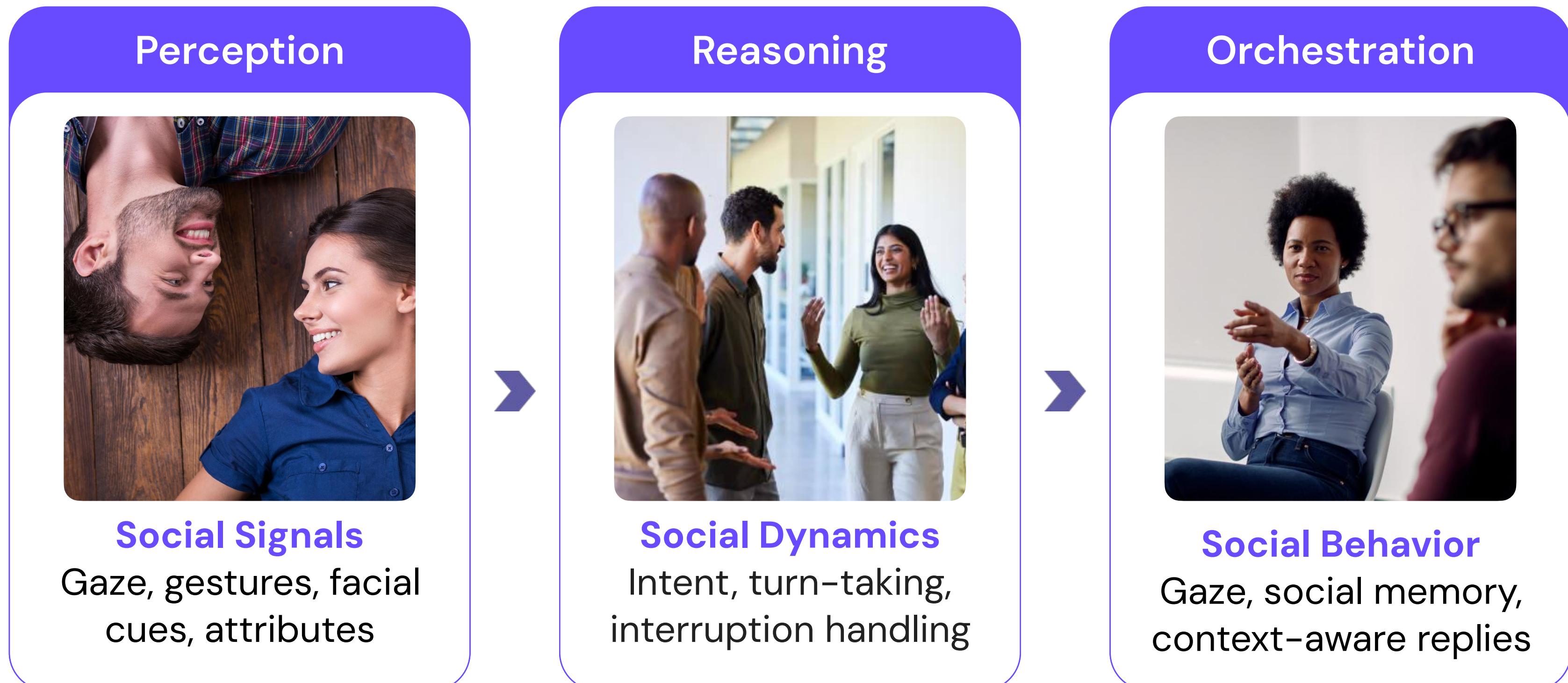
SOCIAL INTELLIGENCE IN REAL-WORLD USE-CASES

Humanoid

Healthcare

Companion

Delivery & advertising
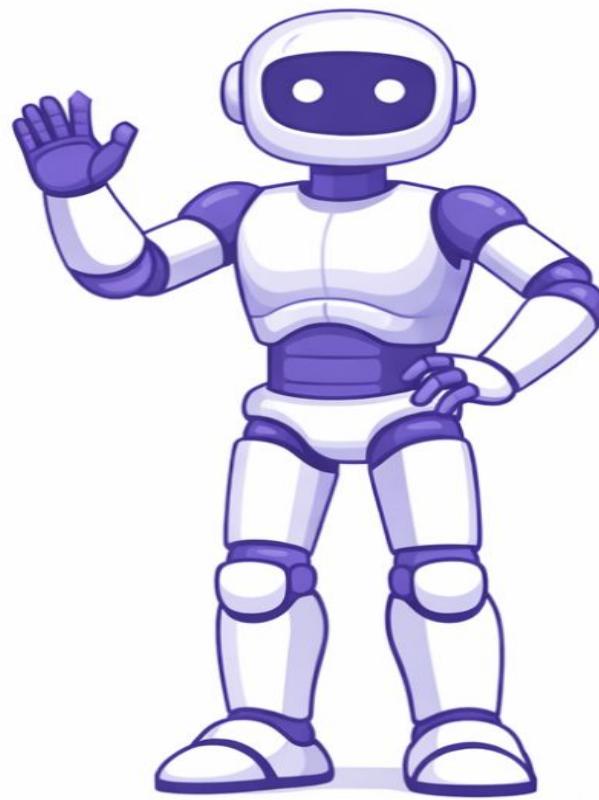
Fluid, socially-aware interaction in public spaces
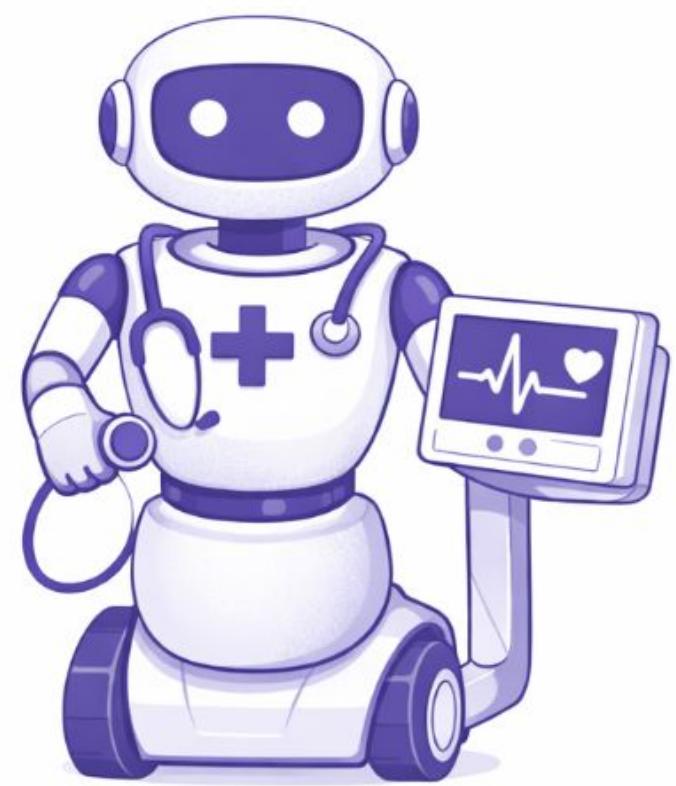
Patient-aware, compliant interaction and response

**Natural, expressive, memory-driven interaction**
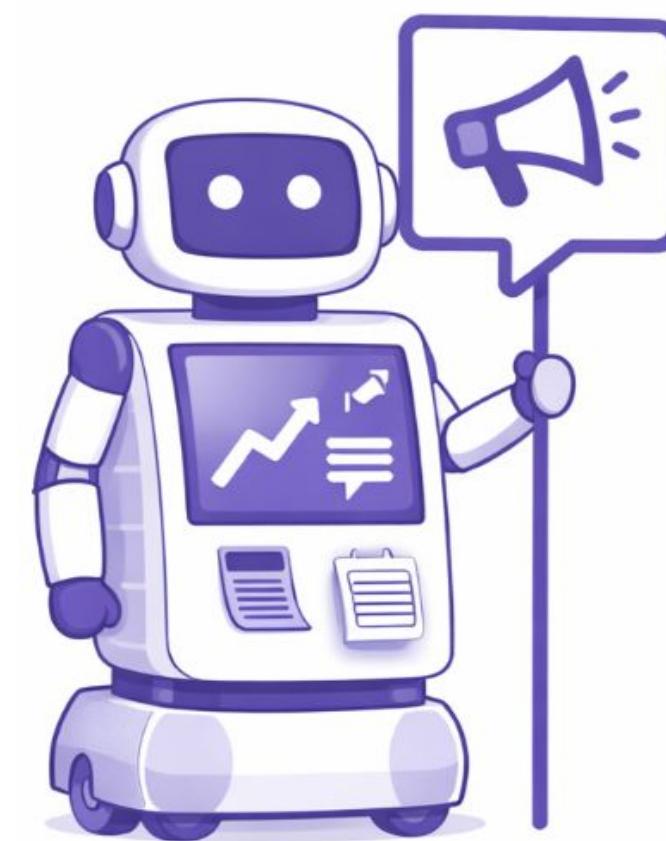
Understand attention, engagement, and dwell behavior

Illustration

OPEN-CORE AND PRODUCTION-READY
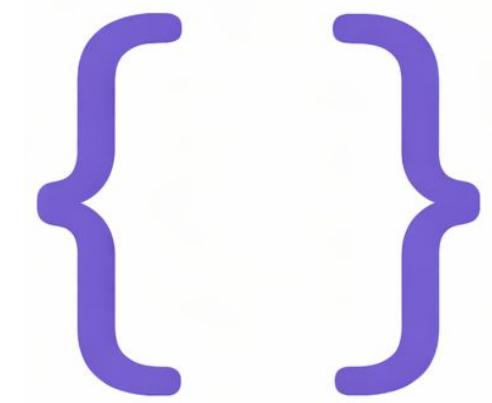
Open-Source

Research & Development
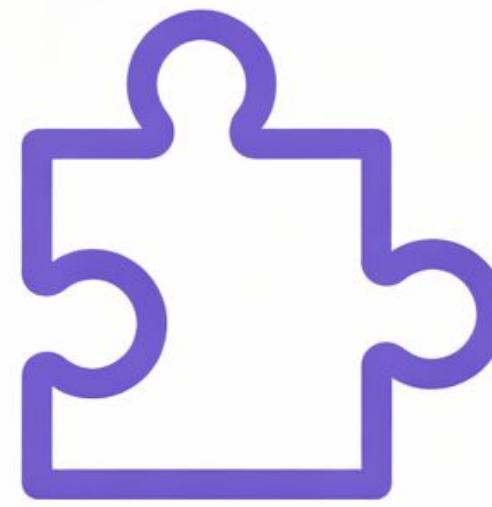
Commercial

Integration & Support
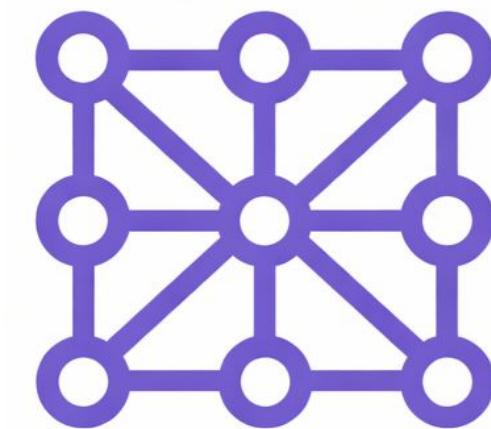
Analytics

Engagement & Performance

UNDERSTANDING SOCIAL DYNAMICS
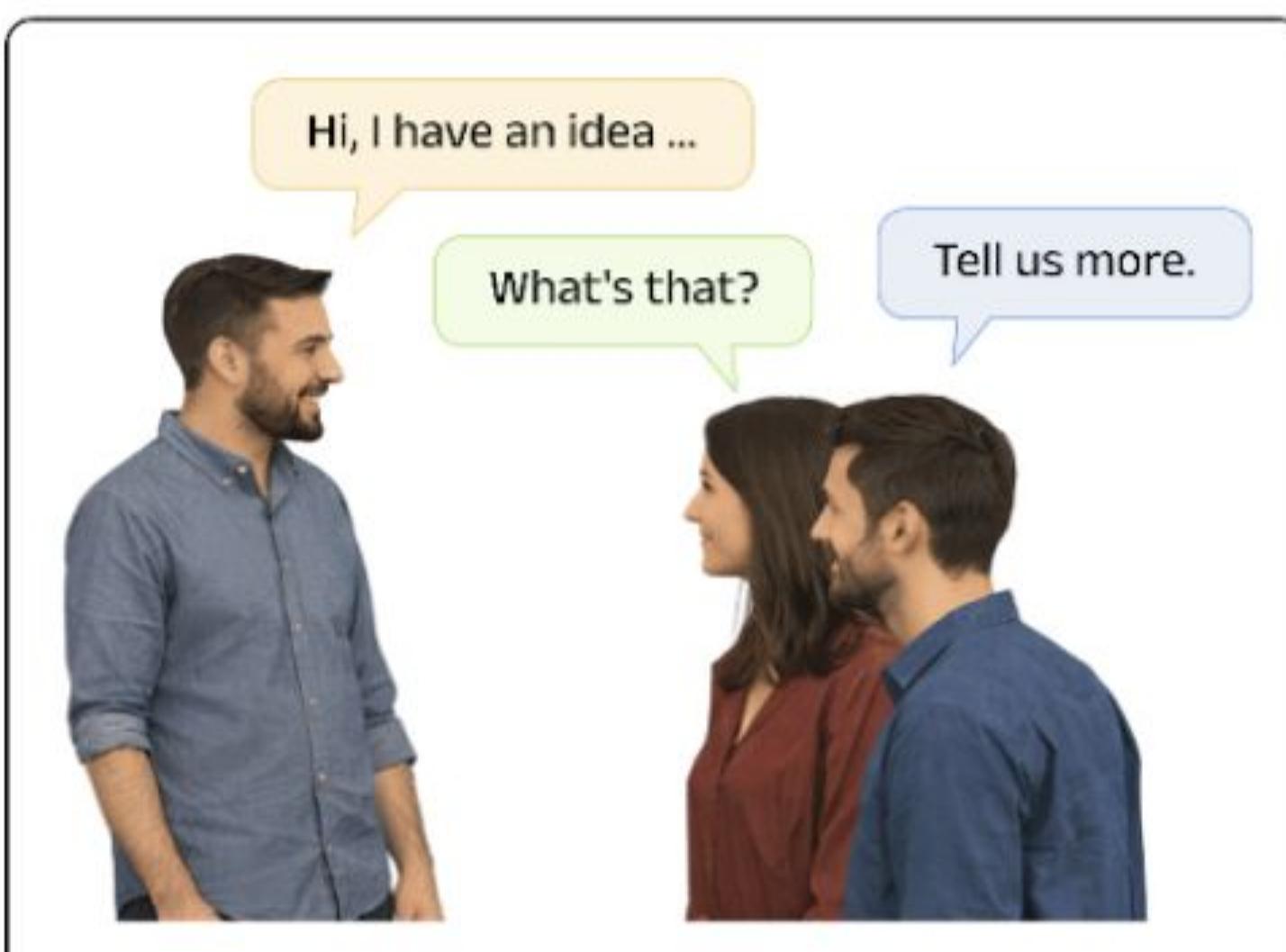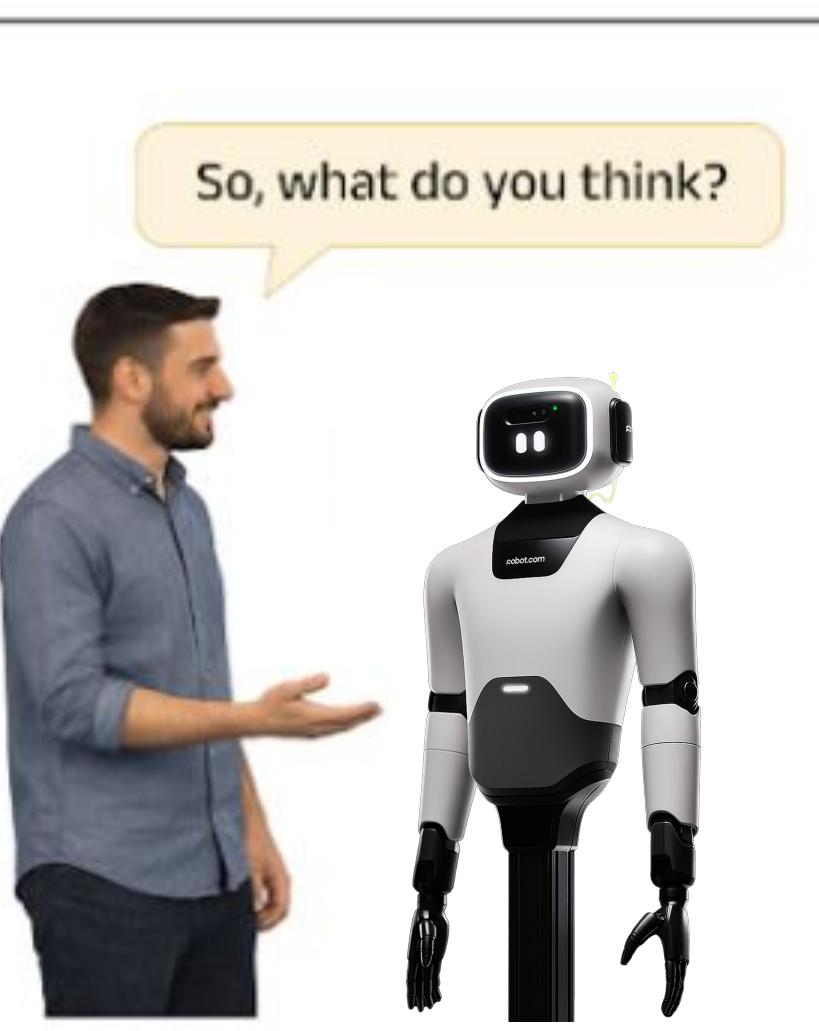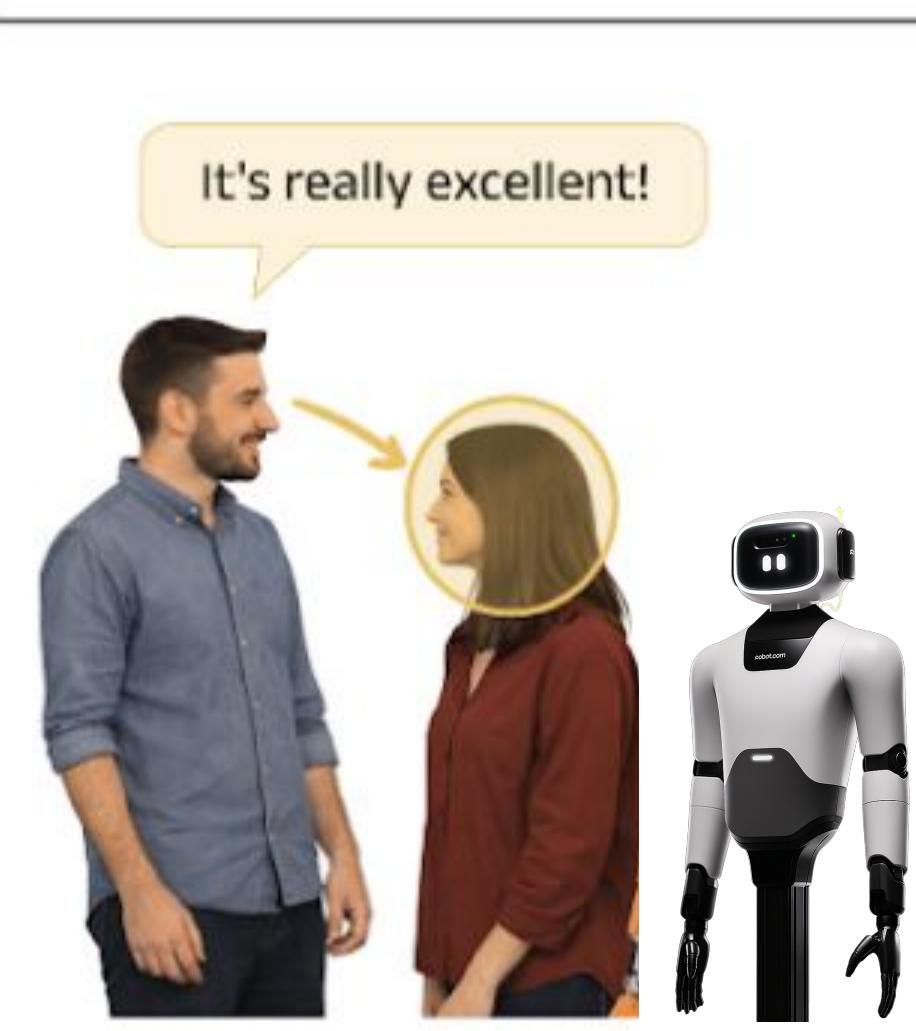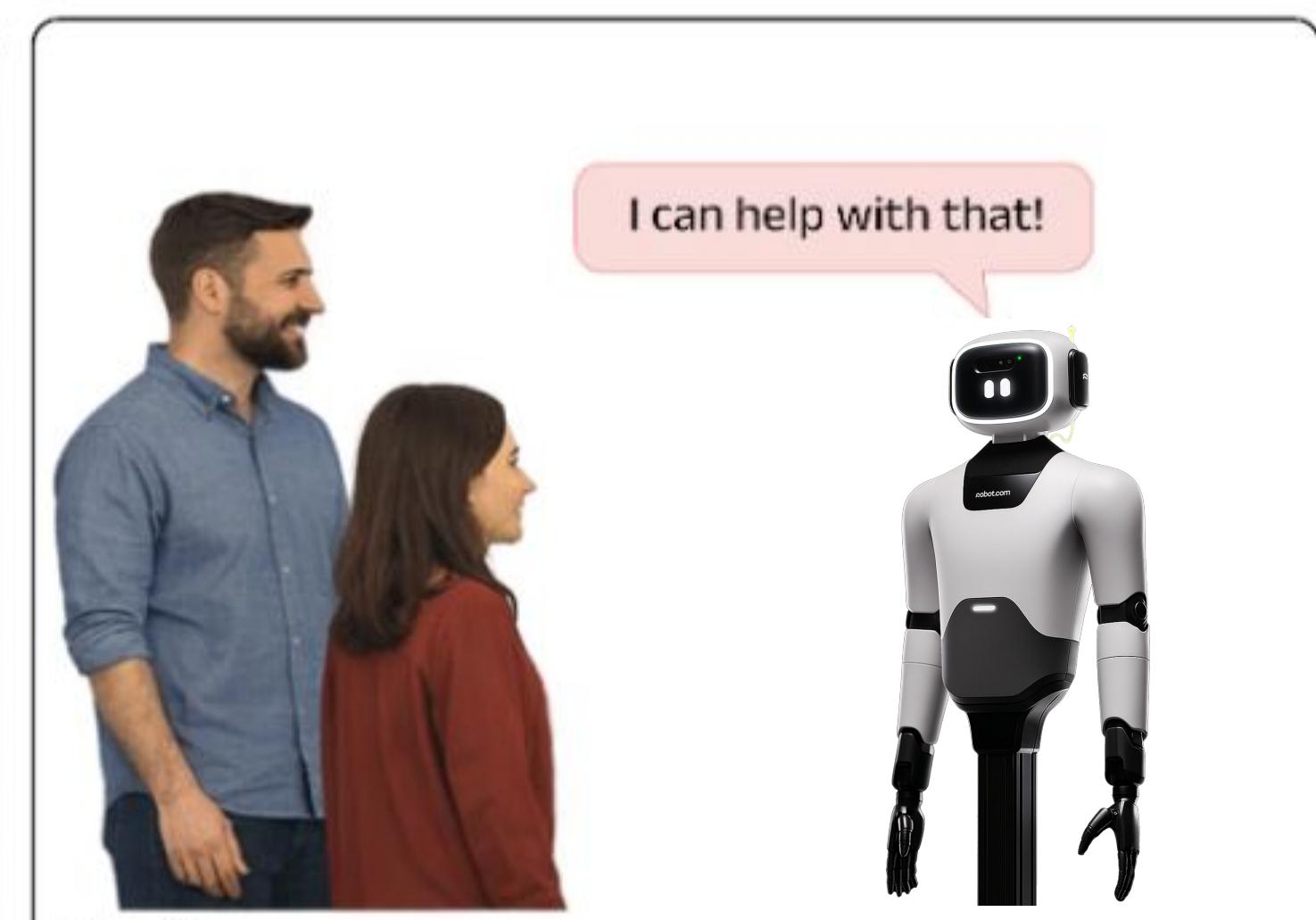
DATA-DRIVEN INSIGHTS IMPROVE PERFORMANCE AND SALES
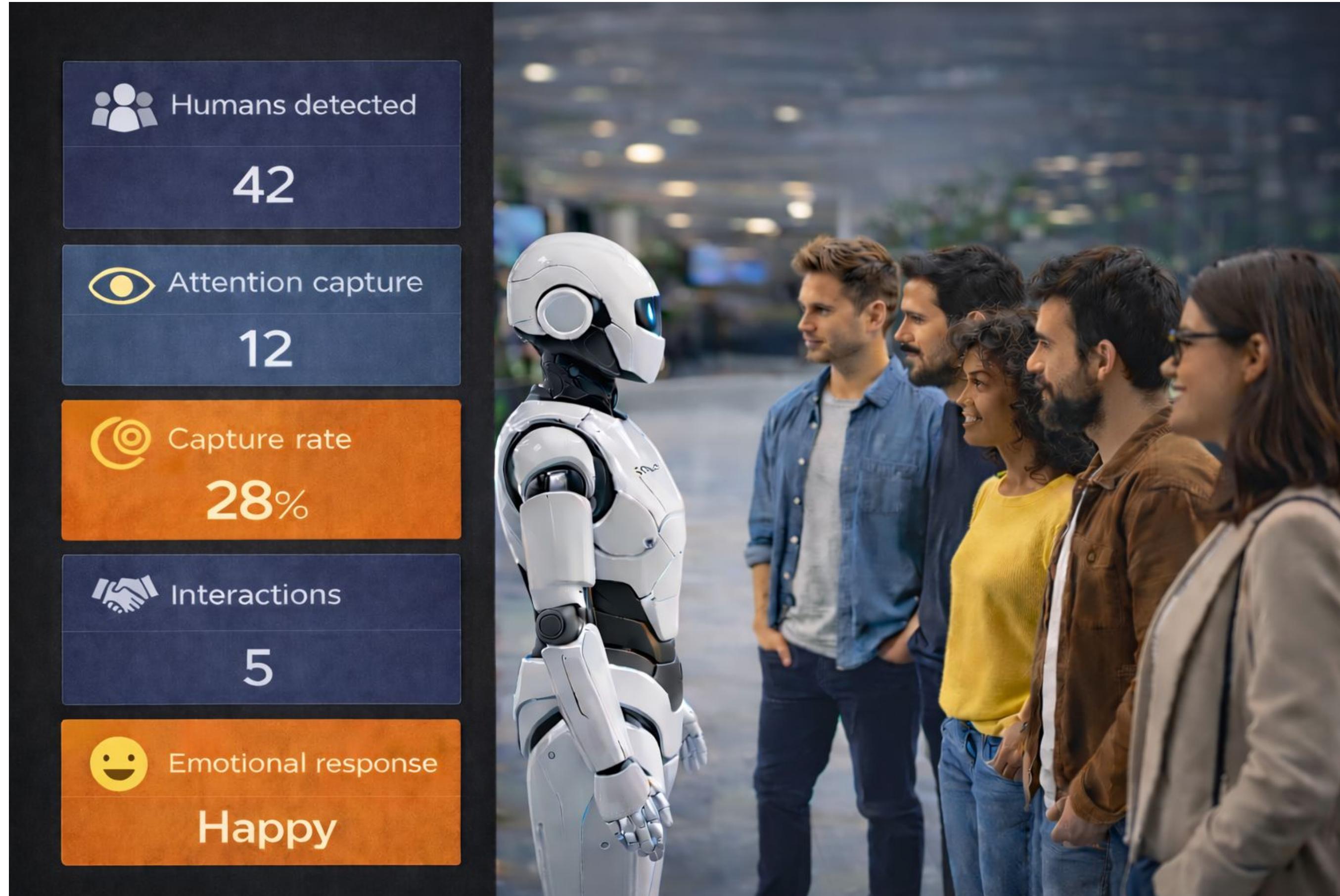
Example dashboard: demo.rel-8.ai

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DEEP EXPERTISE ACROSS COMPLEX AI SYSTEMS

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Thank You

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