Human in the AI loop

TECHNISCHE UNIVERSITÄT DARMSTADT · FESTO · POLITECNICO MILANO 1863 · Whirlpool CORPORATION

CHALLENGE AND SOLUTIONS

Artificial Intelligence (AI) is believed to yield significant disruption and improvement potential for production processes. However, practitioners have not been sufficiently up-skilled to identify potential benefits of AI systems in their facilities and interact with this new technology yet. In order to do so, the HiAi project intends to create learning material, which provides deep knowledge of AI use cases, and the concept for an AI-Toolbox that guides hands-on through the introduction process of AI in production facilities and enables shopfloor managers to successfully work with the solutions.

> "*Thanks to EITM we were able to help shopfloor managers by giving them the opportunity to enhance their AI competencies and grasp process analytics successfully.*"

TIMING AND MILESTONES

- AI competency map for shopfloor managers – 03/21
- Learning nuggets for shopfloor managers – 06/21
- Training of shopfloor managers – 10-11/21
- Concept for the integrated learning and implementation (AI-Toolbox) – 12/21
- Future goal: Software for integrated learning and implementation

MAIN PROJECT RESULTS

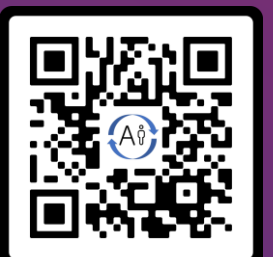- Learning path for shopfloor managers for the use of AI systems in manufacturing
- Pilot training with industrial users
- Concept for an AI Toolbox for integrated learning

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