

# MACH40

## Manufacturing for the Digital Age

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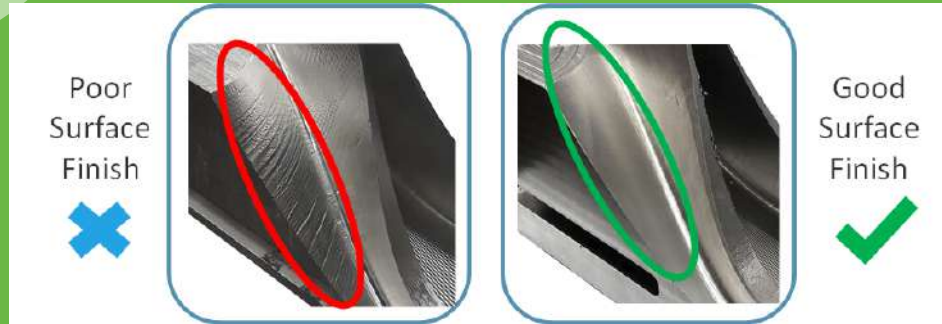
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# Preparing our workforce for the Digital Age

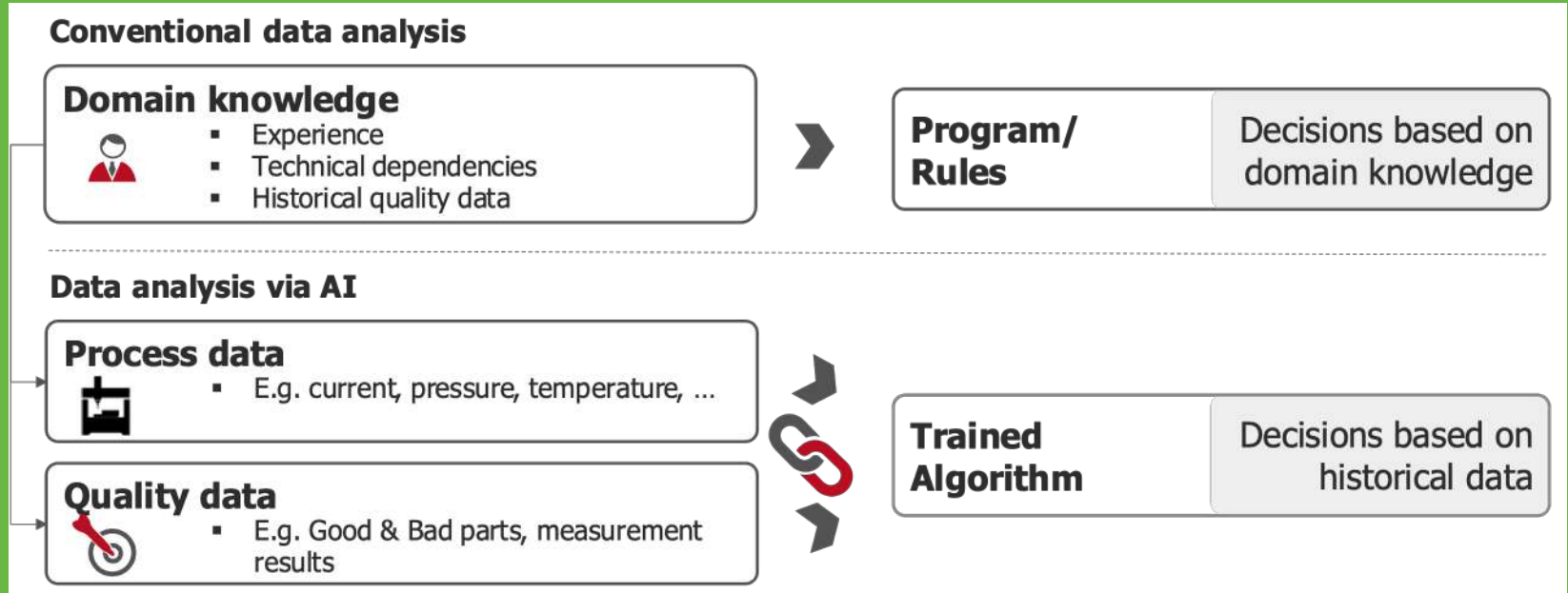
- Can you imagine a world of zero defect machining?





# Artificial Intelligence in machining

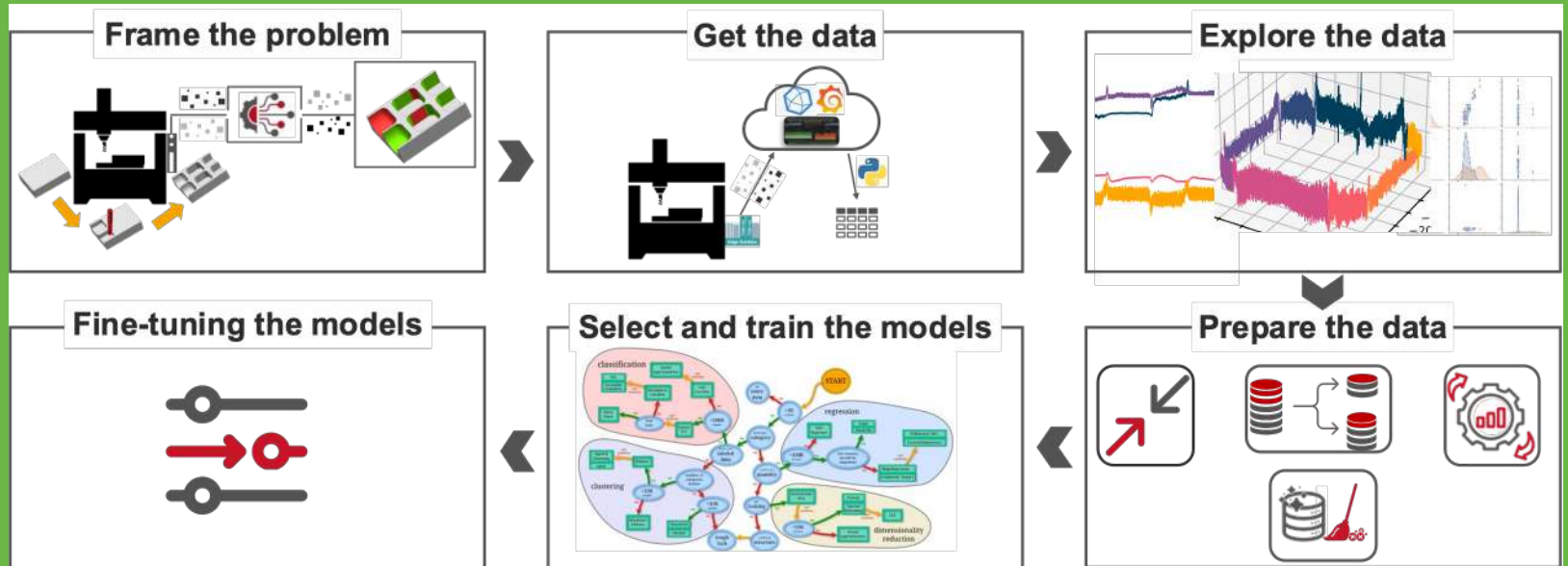
- Data Analysis: Conventional versus AI





# Artificial Intelligence in machining

- Data Analysis: Conventional versus AI



Sources: [NOU20], [SCI20]



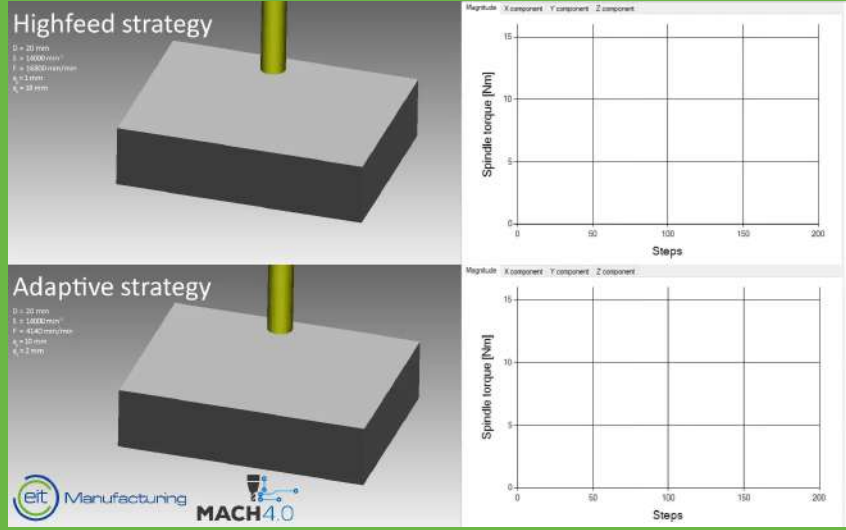
# Guided Learning Activity: Artificial Intelligence in machining

ARTIFICIAL INTELLIGENCE

**GUIDED LEARNING PLATFORM** Manufacturing

My learning nuggets

- External Author**  
**Geometric dimensioning and tolerancing (GD&T)**  
21 Oct. 2020 | 50 min.
- External Author**  
**MACHINABILITY**  
This presentation covers an important aspect of machining processes, which is the term Machinability. This term basically reveals the ease at which a material can be machined.  
16 Nov. 2020 | 25 min.
- External Author**  
**Modelling of Chip Formation Process - Part 1**  
27 Sep. 2020 | 5 min.
- External Author**  
**Process stability: forced vibrations, chatter**  
4 Nov. 2020 | 5 min.





# A more sustainable and competitive Europe

- Better quality products
- Increased efficiency
- Reduced waste, pollution and lower energy consumption

