

e-tivity: Distillation – AI Comparison

Objective: Consolidate knowledge of distillation and rectification, while reflecting on the benefits and limitations of AI-supported explanations.

Task / Action:

- Choose one of the four operations:
 - batch distillation
 - continuous distillation
 - batch rectification
 - continuous rectification
- Explain the chosen operation in your own words in detail (approx. 150–200 words). Pay attention to:
 - the operating principle,
 - key components and process steps,
 - typical application areas.
- Submit the same task to an AI tool (e.g. ChatGPT, Bing Copilot, Gemini, etc.) and generate an explanation. Record the prompt you used.
- Compare both texts and reflect on:
 - Where do the explanations agree?
 - Where does the AI add useful details?
 - Where is the AI inaccurate, superficial, or confusing?
 - Which aspects of your own explanation are clearer or more precise?
- Summarise your conclusions in a short comment (5–6 sentences).

Response:

Respond to at least one peer contribution by:

- asking a follow-up question,
- adding an additional aspect, or
- highlighting a difference that you found particularly striking.

Guidance:

- Use your course materials from the in-person sessions and textbooks as the basis for your own explanation.
- Make sure that your explanation is formulated independently first, before using AI.