LEARNING OBJECTIVES - Lecture 1 (Introduction to generative AI)

After attending lecture and completing the associated readings, you should be able to:

1. Use the probability integral transformation and describe its limitations under high-dimensionality, structured spaces, extrapolation, and learning settings
2. Describe the wide applicability of generative AI models
3. Discuss the development and deployment process for some examples of generative AI systems, such as in culinary and sustainable building materials
4. List the main parts of the course syllabus