



University of Hull – Generative AI Literacy Framework

Knowledge (Understanding Generative AI Systems)

A. Foundations of AI

Demonstrates an understanding of how AI systems are developed and operate, including different types of AI, their underlying mechanisms, and the role and limitations of training data.

B. Capabilities and Limitations

Critically explains the capabilities and limitations of AI systems, including issues of accuracy, reliability, bias, fairness, and the challenges of transparency and explainability.

C. Data and Ethics

Applies knowledge of data governance and ethical considerations in AI use, including privacy, security, intellectual property, and the social and environmental implications of AI technologies.

D. Interaction and Use

Effectively interacts with AI systems by designing and refining prompts and interpreting outputs to support purposeful and context-appropriate use.

E. Referencing and Attribution

Accurately acknowledges and documents the use of AI in line with academic and professional conventions, ensuring transparency and integrity in AI-assisted work.

F. Judgement and Decision-Making

Critically evaluates AI-generated outputs and exercises informed judgement in accepting, adapting, or rejecting them, managing risk and ensuring appropriateness of use.

Disciplinary / Professional Practice (Applied Use)

A. Disciplinary Impact

Demonstrates an understanding of how AI is shaping their discipline or professional field, including awareness of emerging tools, practices, and implications.

B. Appropriate Use in Disciplinary Context

Applies AI appropriately within disciplinary or professional contexts, selecting suitable tools and approaches while adhering to ethical standards and academic integrity.

C. Professional Identity and Ethics

Integrates responsible AI use into their professional identity, aligning practice with disciplinary values, ethical expectations, and evolving career contexts.

Self-Awareness (Metacognition, Agency, Responsibility)

A. Human Agency

Maintains human oversight and accountability in AI use, exercising independent judgement and avoiding over-reliance on automated outputs.

B. Learning Awareness

Critically reflects on how AI influences their learning processes, using it to enhance understanding while avoiding inappropriate substitution for cognitive effort.

C. Reflection and Adaptation

Continuously reflects on and adapts their use of AI, learning from experience to improve effectiveness, responsibility, and outcomes over time.