Module 1: AI Literacy Fundamentals Key Takeaways

A Framework to Apply AI

Classification 1: Automate
Characteristic: Streamline tasks - AI tools use machine learning capabilities to automate tasks that are repetitive and standard in nature by learning from data patterns
Example:

- Automate generation of content and grading
- Create AI-powered tutoring chatbots

Main Outcome: Drive Efficiency

Classification 2: Discover
Characteristic: Data Visualisation - AI tools able to reveal patterns, trends, and relationships within the data, facilitating exploration and highlighting actionable insights
Example:

- Provide insights on the learning patterns of students
- Recognise students' wellbeing and performance

Main Outcome: Provide Insights

Classification 3: Personalise
Characteristic: Dynamic Profiles: - AI tools gather data from various sources and build a dynamic user profile that evolves as user interacts with the system and as their preferences change
Example:

- Customise learning content and paths
- Give personalised real-time feedback

Main Outcome: Boost Engagement

Classification 4: Predict

Characteristic: Forecasting Trends - AI tools go beyond describing past or present data, and are able to analyse identified patterns and trends to make educated guesses of the future
Example:

- Identify at-risk students for early intervention
- Predict jobs demand and skills for better employability

Main Outcome: Provide Insights

Classification 5: Include
Characteristic: Accessibility - AI tools designed to support inclusivity and accessibility by offering dedicated interfaces and interactions that cater to varying levels of skills and abilities
Example:

- Improve accessibility to students with disabilities
- Provide real-time language translation

Main Outcome: Augment Learning