

AI Terminology

CHEAT SHEET



CORE AI TERMS

Artificial Intelligence (AI)

Simulation of human intelligence by machines.

Machine Learning (ML)

Algorithms learn patterns from data.

Deep Learning

Neural networks with multiple layers for complex tasks.

Neural Network

Algorithms modelled after the human brain.

Natural Language Processing (NLP)

Understanding and generating human language.

Generative AI

Creates new content based on learned patterns.

Large Language Model (LLM)

Deep learning model trained on massive text datasets.

Model Context Protocol (MCP)

Open-source, standardised framework that allows AI models (like GPT or Claude) to connect to external tools, data sources and services without needing custom integrations for each one.

Hallucination

An AI hallucination happens when an AI system (like a language model or image generator) produces output that is incorrect, nonsensical, or fabricated even though it sounds plausible or looks convincing.

MICROSOFT COPILOT & AGENT TERMS

Microsoft Copilot

AI assistant integrated into apps for productivity.

Microsoft Copilot Studio

Low-code platform for creating, customising and managing AI agents and copilots.

Microsoft Copilot Credits

A usage based system to manage AI access to AI powered features.

Agent

Autonomous system that perceives, decides and acts.

Prompt Engineering

Crafting effective instructions for AI.

Grounding

Connecting AI responses to trusted data.

Contextual Data

Organisational data used for relevant answers.

