Applied Agentic AI for Organizational Transformation

Glossary

Module 3

Client-Server Architecture: a setup where a "client" (e.g., a browser or app) requests services or data from a "server," which processes those requests and returns responses.

Context-Aware Orchestration: automatically coordinating tasks or services based on real-time information like user location, time, or behavior.

Edge Case: a rare or unusual scenario that falls outside normal operating conditions and tests system limits.

Fine Tuning: refining a pre-trained AI model with additional, domain-specific data to improve performance on a particular task.

Human-in-the-Loop: combining AI automation with human review or decision-making whenever accuracy or judgment is critical.

Intent-Based: designing systems to understand the user's true goal (i.e., intent) rather than just reacting to literal commands.

Microservice: a small, self-contained software component focused on a single function. Often, a larger application is comprised of multiple microservices.

Middleware: software that connects different applications or services, enabling them to communicate and share data.

Model Context Protocol (MCP): a defined way to supply background information to an AI model so its outputs are accurate and relevant.

Overfitting: when an AI model is too closely tailored to its training data and performs poorly on new data.

Underfitting: when an AI model is too simple to capture patterns in the data, leading to poor overall performance.