	Suggestions
	Multi-Agent Collaborative Software Development: Designing a framework where specialized LLM agents (Architect, Coder, Tester) negotiate to build a full-stack application.
	Autonomous Research Agents for Systematic Literature Review: An agent that searches, filters, and synthesizes academic papers to generate structured state-of-the-art reports.
	Self-Correcting LLM Agents for Legal Document Analysis: An agentic workflow that uses iterative "reflection" steps to identify inconsistencies in complex legal contracts.
	Generative Agents for Realistic Social Simulation: Creating a "Smallville" style environment where agents with distinct "digital personalities" interact and form emergent social behaviors.
	LLM-Driven Personal Privacy Guardians: A local agent that monitors outgoing data and redacts PII (Personally Identifiable Information) before it reaches cloud-based AI services.
	Decentralized Coordination of Autonomous Delivery Drones: Implementing a Contract Net Protocol for task allocation in a simulated urban delivery environment.
	Multi-Agent Traffic Signal Control via Cooperative Learning: Reducing urban congestion by allowing intersection agents to communicate and optimize "green waves."
	Adaptive Peer-to-Peer Energy Trading in Smart Grids: A MAS where household agents negotiate electricity prices based on solar production and battery levels.
	Swarm Intelligence for Search and Rescue Operations: Developing decentralized algorithms for a drone swarm to map a disaster zone without a central controller.
	Agent-Based Modeling of Financial Market Stability: Simulating "flash crashes" by modeling high-frequency trading bots as competing agents with different risk appetites
	Deep RL for Autonomous Warehouse Navigation: Training agents to optimize "picking" paths in a dynamic warehouse while avoiding collisions with humans.
	Adaptive Resource Allocation in Edge Computing: An intelligent agent that dynamically shifts computational workloads between IoT devices and the cloud to minimize latency.
	Hierarchical RL for Complex Strategy Games: Designing an agent that manages both high-level resource strategy and low-level tactical combat in a game like StarCraft or Age of Empires.
	Intelligent Bidding Agents for Real-Time Advertising: Using RL to optimize ad-space bidding strategies in milliseconds while maintaining a strict budget.
	Personalized Health Coaching Agents: A learning agent that adapts its intervention strategy (notifications, encouragement) based on a user's physiological data and habit history.
	Adversarial Robustness in Autonomous Vehicle Agents: Evaluating how "noise" or "spoofing" in sensor data affects an agent's decision-making safety.
	Explainable AI (XAI) for Medical Diagnostic Agents: Building an agent that provides a logical "chain of thought" for its diagnosis to help doctors trust the system.
	Intrusion Detection Agents for Industrial IoT (IIoT): Deploying lightweight agents at network nodes to detect and isolate malicious behavior in real-time.
	Designing "Human-in-the-Loop" Collaborative Agents: A study on how agents can optimally hand over control to a human supervisor during high-uncertainty scenarios.
	Ethics-Aware Agents in Resource Dilemmas: Implementing "moral utility functions" in agents to ensure fair distribution of resources in scarcity simulations.
	Personalized Autonomous Email Agent using Agentic RAG
	Multi-Agent System (MAS) for Exam Invigilation

Wormhole attack detection in FANET using Agentic AI (BDI architecture) in ns3