**Intelligent Compliance Assistant for Enterprise Data Governance**

**Project Statement**

Build a multi-agent AI system that monitors enterprise data usage, ensures compliance with internal policies, and provides contextual recommendations using RAG, Semantic Kernel, and Azure AI services.

**Pre-Requisites**

Azure subscription, Azure AI Agent Service, Azure AI Foundry, Azure AI Search, Blob Storage, IoT Hub

**Requirements**

* Design stateful agents that track user interactions and compliance history
* Use Azure AI Foundry to orchestrate agents for policy validation, document retrieval, and alerting
* Implement RAG using Azure AI Search and Blob to answer compliance-related queries
* Use Semantic Kernel for dynamic task planning and memory
* Optional: Simulate telemetry via IoT Hub and monitor anomalies with Azure Monitor
* Apply Responsible AI principles to ensure fair decision-making and traceability

**Deliverables**

* Public GitHub repo with agent orchestration and RAG logic
* PPT with architecture, workflows, and compliance dashboards
* Screenshots of working assistant and alert system