

Understanding AI Agents: Explainer Video & Interactive Demo

Target Audience

Beginners in AI (students, educators, and curious learners) who want a clear, intuitive introduction to what “AI agents” are and how they work. No prior technical background is required.

Expected Time

- **Watch explainer video:** ~7.5 minutes
- **Engage with the interactive demo:** ~2–5 minutes

Accompanying Materials

- **Video** (MP4) Lecture – Introduces AI agents in plain language, defines the agent loop (Plan → Act → Observe → Update), and highlights planning, feedback, and collaboration.
- **Slides** (HTML) used for the video lecture.
- Interactive **Demo** (Web App: Self-contained Node/Express + HTML) – Playable standalone; showcases:
 - Number Guessing – how planning and feedback refine an agent’s behavior.
 - Comedy Duo – how multiple agents can collaborate and respond dynamically.
- **README** (Text) – Simple setup instructions (how to add an `.env` file with your OpenAI key, install dependencies, and run the demo locally).

Description

This submission combines a short explainer video with a hands-on interactive demo to introduce AI agents to beginners in an engaging, accessible way. The video builds intuition, while the demo makes abstract concepts concrete. Learners can see an agent loop in action, spot how planning and feedback affect performance, and observe multi-agent collaboration – all without writing a single line of code!