

Agenda of the Session

- 1. Learn to design a goal-driven AI agent capable of autonomous planning and reasoning.
- 2. Explore the smolagents package and its components, including Tools, Prompts, and Agent formation.
- 3. Build a Competitive Analysis AI Agent to evaluate market strategies of top competitors.
- 4. Analyze and compare competitor data using integrated real-time research tools.
- 5. Hands-on: Create an end-to-end Competitive Analysis pipeline with actionable business insights.

Structure of the Session

Duration (mins)	Topic	Details
5	Welcome and Introduction	<ul style="list-style-type: none">This section is to be clear on the expectations from the session.
100	Notebook Single Agent Systems	<ul style="list-style-type: none">Set up an LLM for agent integration.Define specialized tools using the SmolAgents library.Create prompt templates for validation and strategy extraction.Combine prompts and tools to build a goal-driven agent.Execute the agent to generate executive summaries of competitors.
10	Final Q&A	<ul style="list-style-type: none">This section is to clear any follow-up questions or questions that were parked to be answered toward the end
5	Session Summary	<ul style="list-style-type: none">Pick up a pen and paper - spend the last 5 minutes of the session of drawing up a mind-map as the mentor summarizes the learnings from the session

- Revisit and attempt the practice quizzes. If you face challenges with the quizzes, review and re-attempt them post-session to reinforce your understanding.

Remember!! **"Clarity comes not from waiting, but from daring to step forward in uncertainty."**

Happy Learning!

