Agentic AI boot camp

BY MYPROTRAINING

Course Overview

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About Instructors

Mairaj Ahmed

- More than 25 years of experience in Technology/Program Management and Technology Architecture

- As an Architect building solutions in different forms of AI including Agentic AI.

- Training professionals since 2011 in management and technology areas

Minhaj Ahmed

- More than 20 years of experience in embedded coding, driver development and Cyber security.

- Deep knowledge of coding in multiple languages including Python

- CISSP and represented Dell on TCG and BIOS ACPI standards committees

Why

Agentic AI is and will continue to affect industries across the spectrum. Here are a few use cases by industries (www.skan.ai)

1. **Healthcare**: Patient Care Coordination: Agentic AI can monitor patient data across systems, coordinate appointments, and alert providers to critical changes in real-time, potentially reducing patient readmission rates by 25%

2. **Finance**: Autonomous Trading: Agentic AI systems execute complex trading strategies by analyzing market data and adjusting positions based on real-time sentiment. As of 2025, algorithmic trading accounts for 75% of all equity trades.

3. **Manufacturing**: Quality Control: AI agents continuously analyze production data to identify potential quality issues before they occur, reducing defect rates by up to 90%.

4. **Retail**: Inventory Management: AI systems can analyze sales data to optimize stock levels, reducing both stockouts and overstock situations.

5. **Customer Service**: Support Automation: AI agents can independently resolve customer issues, analyze sentiments, and provide 24/7 support, significantly improving service quality and response times.

6. **Transportation**: Route optimization: AI agents continuously optimize delivery routes based on traffic, weather, vehicle capacity, and customer preferences while coordinating across entire fleets.

Why

According to Gartner in the next 2 years a <u>third</u> of all enterprise software applications will include Agentic AI.

Credit: (13) Activity | Alex Barády | LinkedIn

Who is this class for?

New to coding   Python coder   AI Engineer

- Anyone wanting to learn different AI concepts, jargon and popular frameworks

- Anyone wanting to learn how to code AI agents to form Agentic AI workflows from simple single agent to teams of agents working together

- Anyone seeking career growth, career transition or entry into AI

- Scheduled to accommodate working professionals as well as others

What would be covered in this class?

- Theory: History, AI forms, concepts and terms

- Frameworks: Popular frameworks
  - Open SDK
  - LangGraph
  - MCP

- Projects: Hands on projects with commercial use case

Topics to be covered

- Week 1 – Pre AI

- Week 2 – AI concepts, AI breakdown, terms etc.

- Week 3 – Open SDK framework

- Week 4 – LangGraph framework

- Week 5 – MCP (Model Context Protocol)

- Week 6 – Capstone Project

Pre Requisites

- Windows or Mac laptop/desktop computer

- There is a subscription fee for some of the AI tools we will use in the projects (should be under $30 all tools inclusive for the duration of the class)

Schedules and Logistics

- All classes conducted on Zoom

- Six Sundays from 10am to 1pm Central Time. (From Jan 25th to Mar 1st)

Pricing and Registration

- Cost: $299 (Early bird pricing $250 until Jan 13th)

- To register visit https://myprotraining.com/products

Q&A