

Invento Research Inc.

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Agentic AI for Business Leaders: Strategies and Applications

2-day Intensive Workshop for Project Managers and Leaders

Overview

This immersive two-day workshop is designed for business professionals, entrepreneurs, and managers seeking to harness the power of Agentic AI within their organizations. Leveraging your expertise in Multiagent Systems, the program offers a comprehensive exploration of autonomous AI agents, focusing on their strategic implementation and practical applications in business contexts.

Sessions

- 1. Introduction to Agentic AI**
 - Definition and key concepts of Agentic AI
 - Historical development and evolution of autonomous AI agents
 - Overview of Multiagent Systems and their relevance to business
- 2. Strategic Importance of Agentic AI in Business**
 - Identifying challenges and opportunities presented by AI agents in organizational contexts
 - Forecasting emerging trends and future developments in AI agents and their potential impact on business strategies
 - Aligning AI agent implementation with strategic business goals
- 3. Design and Architecture of Autonomous AI Agents**

- Core components and architectures of Multiagent Systems
 - Decision-making processes and machine learning techniques employed by AI agents
 - Frameworks for developing and deploying agentic AI solutions
- 4. Applications of Agentic AI Across Industries**
 - Case studies highlighting the use of AI agents in various sectors
 - Evaluating the impact of AI agents on business processes and outcomes
 - Strategies for integrating AI agents into existing business operations
 - 5. Agentic AI Frameworks**
 - Overview of leading frameworks for building AI agents, such as Microsoft's AutoGen, Langgraph and CrewAI
 - Comparison of features, architectures, and use cases of various agentic AI frameworks
 - Guidance on selecting appropriate frameworks based on organizational needs
 - 6. Integrating Agents with Retrieval-Augmented Generation (RAG)**
 - Combining AI agents with RAG techniques to utilize organizational data and tools
 - Enhancing agent performance through access to up-to-date information
 - Practical examples of RAG applications in business contexts
 - 7. Leadership and Change Management in the Age of AI**
 - Adapting leadership strategies to leverage AI agents effectively
 - Building trust and overcoming challenges in AI adoption
 - Preparing organizations for the integration of autonomous AI agents
 - 8. Hands-on Sessions and Practical Implementation**
 - Interactive workshops on designing and deploying simple AI agents
 - Collaborative exercises to simulate Multiagent System scenarios
 - Developing action plans for implementing Agentic AI solutions in participants' organizations
 - 9. Low-Hanging Fruits: Code Generation, Sales Outreach, and Engagement**
 - Exploring practical applications of agentic AI in code generation, sales outreach, and customer engagement
 - Case studies demonstrating the impact of AI agents in these areas
 - Strategies for quick wins and effective implementation of AI agents in these domains

10. Capstone Project: Developing a Stock-Picking Agent

1. Utilizing news sentiment analysis, fundamental analysis, and technical indicators to build an AI agent for stock selection
2. Hands-on experience in integrating various data sources and analytical methods
3. Collaborative project work to apply learned concepts in a practical scenario

Instructor Background

Dr. Balaji Viswanathan is a distinguished technologist and entrepreneur, serving as the CEO of Mitra Robot. He holds a Masters in Computer Science with a specialization in Multiagent Systems and a PhD thesis in Robotics from the University of Maryland, Baltimore County. He has been recognized for his contributions to the field, including being invited twice by former President Dr. A.P.J. Abdul Kalam for discussions at Rashtrapati Bhavan. Dr. Viswanathan began his career at Microsoft in Redmond, contributing to cutting-edge operating systems and research initiatives. He later served as a product manager at Black Duck Software, which successfully exited through acquisition.

As the CEO of Mitra Robot, Dr. Viswanathan has revolutionized robotics, bringing AI-powered innovations to global prominence. Mitra has over 50 Fortune 500 customers and has been showcased by world leaders, including Prime Minister Narendra Modi. The company's innovations have been highlighted on the front pages of global media and secured venture funding, with its headquarters in San Francisco. Dr. Viswanathan's interviews have appeared on CNN Prime Time, BBC, The Guardian, US News, Wired, and other top media outlets. Mitra's robotics solutions continue to redefine the industry, earning widespread acclaim for their impact on various sectors.