

INTRODUCTION TO AGENTIC AI

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Agentic AI

Refers to AI systems that can operate autonomously, make independent decisions, and adapt to changing environments. Unlike traditional AI, which follows fixed rules, Agentic AI actively pursues goals and learns from interactions.it of body text



- Autonomous: Acts without constant human input
- Goal-Oriented: Works towards specific objectives
- Adaptive: Learns and improves over time
- Interactive: Engages with users and other AI systems

HOW AGENTIC AI WORKS?

Agentic AI operates by utilizing a network of autonomous "agents" that can independently make decisions, learn from data, and take actions to achieve specific goals, effectively solving complex problems through multi-step planning and adaptation to changing environments, all while working collaboratively to achieve a larger objective; essentially, it's a goal-oriented AI system that can autonomously navigate situations and adjust strategies as needed

Benefits for Students

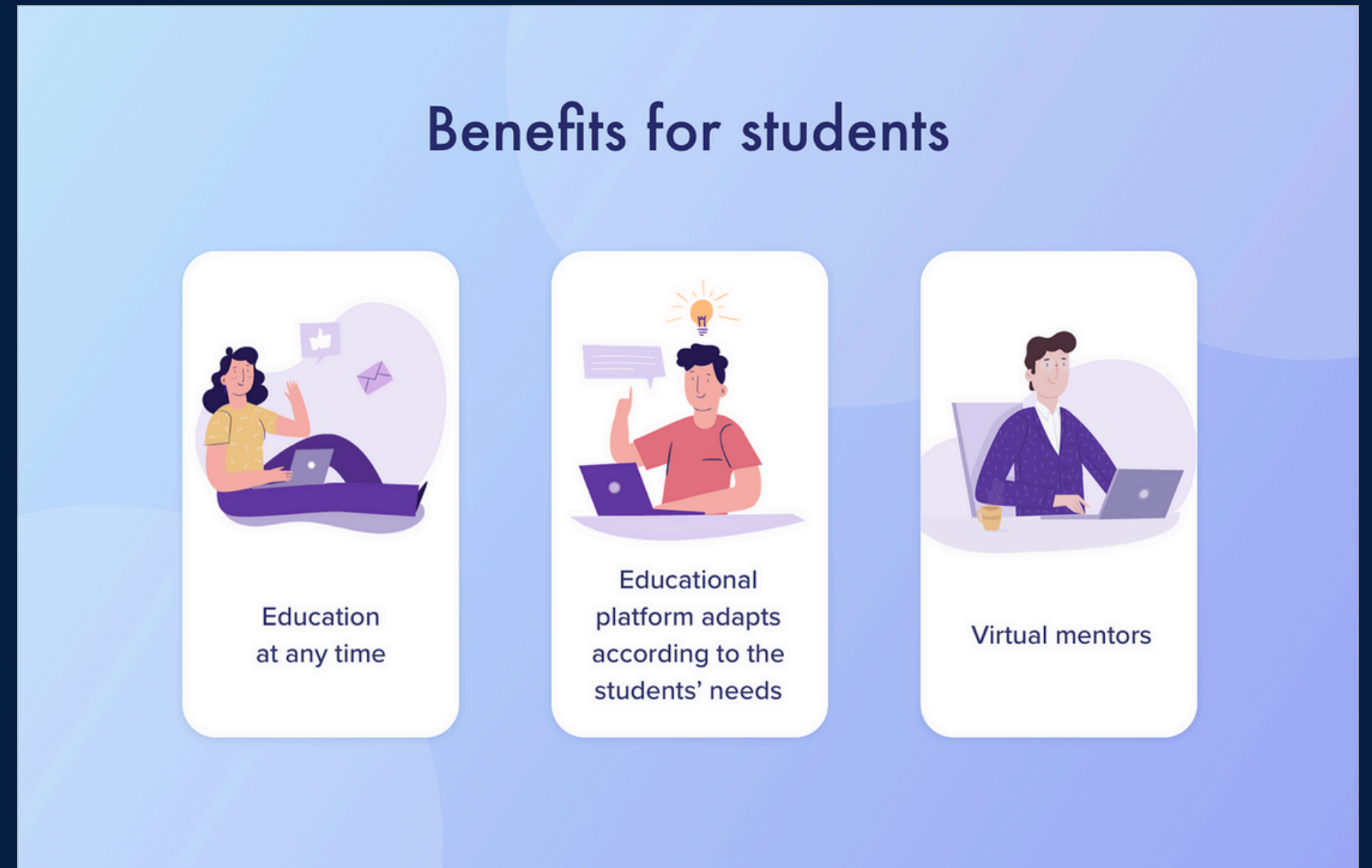
📖 Personalized Learning – AI tutors adapt to learning styles.

🕒 Time Management – Smart planners organize study schedules.

💡 Research Assistance – AI tools summarize and analyze information.

🗣️ Language Learning – AI chatbots improve communication skills.






🚀 Career Guidance – AI suggests skills and career paths.



Key Features of Agentic AI

- ✓ Autonomous – Works independently without human intervention.
- ✓ Goal-Driven – Focuses on achieving specific objectives.
- ✓ Adaptive Learning – Improves over time based on experiences.
- ✓ Decision-Making – Analyzes data and selects the best action.
- ✓ Interactivity – Engages with users and systems dynamically.

Real-World Applications

-  Self-Driving Cars – Navigate traffic and avoid obstacles.
-  AI Assistants – Automate tasks like scheduling and reminders.
-  Financial Trading Bots – Make stock market decisions.
-  Game AI – Adapts to player behavior for a better experience.
-  Healthcare AI – Diagnoses diseases and suggests treatments.





"Thank You! Let's connect and
discuss AI further."

