



THE RISE OF

AGENTIC AI

BUILDING AUTONOMOUS AI THAT **UNDERSTANDS, DECIDES & ACTS**

by Zubair Ahmed

WHAT IS AGENTIC AI?

Agentic AI is a type of artificial intelligence that acts like a virtual human - it can **Think, **Plan** and **Take action** by itself.**

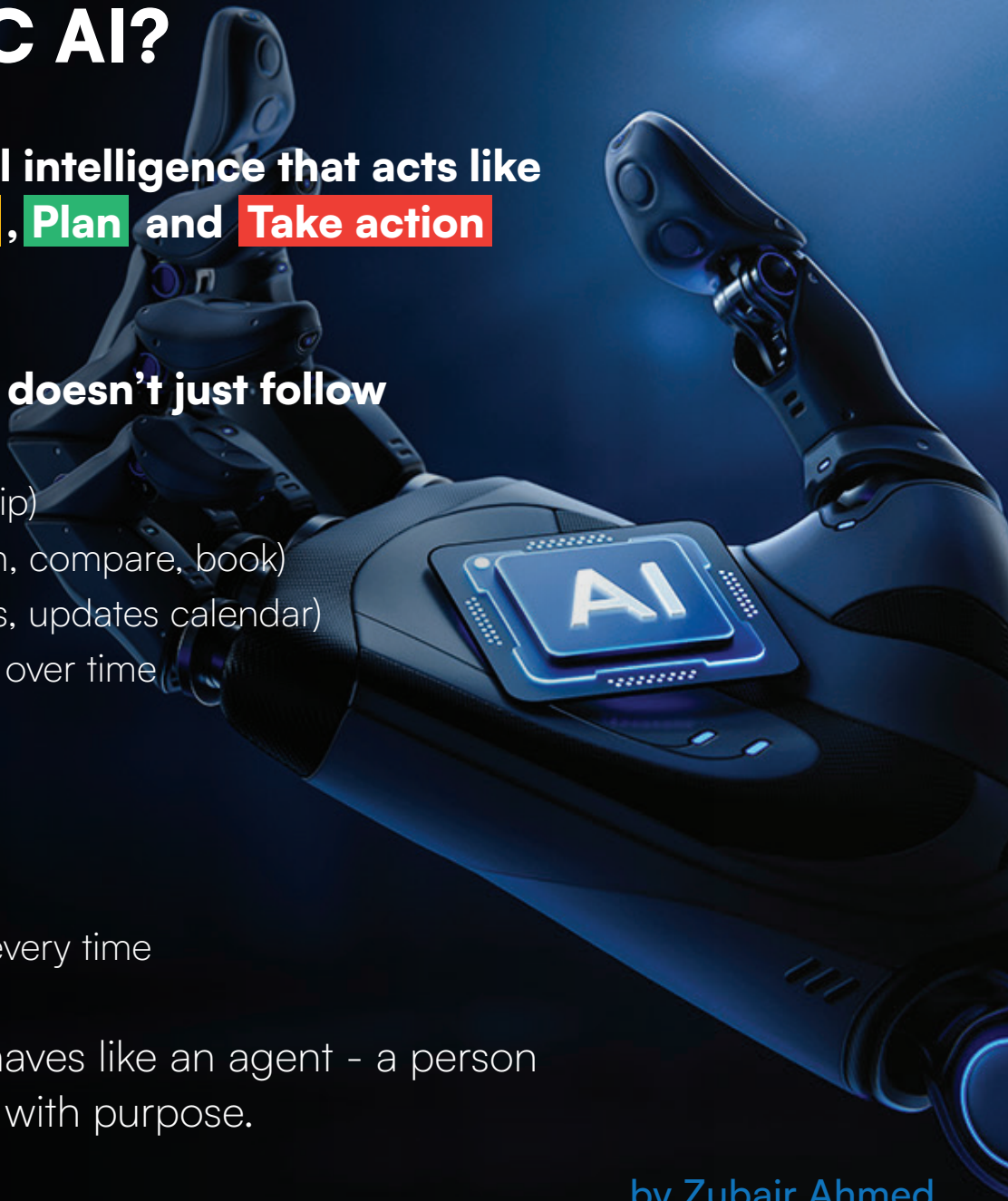
Imagine a smart assistant that doesn't just follow commands, but:

- Understands a goal (like booking a trip)
- Plans the steps to complete it (search, compare, book)
- Takes action on its own (sends emails, updates calendar)
- Learns from experience to get better over time

Just like a human assistant, it:

- Makes decisions
- Talks and responds
- Works without needing instructions every time

It's called "agentic" because it behaves like an agent - a person or system that acts independently with purpose.



Key Features of Agentic AI

What Makes It Special?

- **Goal-Oriented** - Understands the goal and works to complete it
- **Autonomous** - Makes decisions without asking every time
- **Interactive** - Talks, asks questions, and gives updates
- **Adaptive** - Learns from your behavior and feedback
- **Tool-Using Ability** - Uses other tools or apps to complete tasks

Tool-Using Example:

If you ask for pizza, the AI can:

- Check your past orders
- Find your favorite restaurant
- Use food apps (like Foodpanda, Uber Eats)
- Place the order automatically
- Add reminder or track delivery



Real-World Examples of Agentic AI



- **AI Coders** - Tools like Devin AI can take a coding task, plan it, and write the code
- **Personal Assistants** - AI that can manage emails, schedule meetings, and book travel
- **Customer Support Bots** - Handle full conversations, solve issues, and follow up
- **AI Research Agents** - Explore data, summarize research, and find answers
- **Game AI Characters** - Make real-time decisions like virtual players

Future of Agentic AI

- **Smarter Agents** - That can fully manage projects or businesses
- **AI Teams** - Groups of AI agents working together
- **Human-AI Collaboration** - AI working side-by-side with humans
- **Responsible AI** - Focus on safety, fairness, and transparency
- **Use in Every Field** - Healthcare, education, finance, creative work

Conclusion

- Agentic AI = smart, independent AI
- Big potential, but needs careful use
- We're just at the beginning!

Benefits and Challenges of Agentic AI

Benefits

- Saves time and effort
- Works 24/7 with no rest
- Improves productivity
- Learns and adapts to user needs

Risks / Challenges

- It might take actions you didn't expect
- Difficult to control if too autonomous
- Privacy and security concerns
- If hacked, it can be used to harm or spy



Thank You

by Zubair Ahmed