



Limitless Horizon of AI

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LEARNING OUTCOMES

At the end of the chapter, students will be able to:

- Redefining the possibilities of AI
- Elaborate about Artificial General Intelligence (AGI)
- Outline AI's impact on sectors
- Navigate responsibility and bias
- Human-AI Collaboration
- Understand autonomous intelligence and robotics
- Explain the limitless possibilities of AI

CHAPTER NOTES

- AI doesn't just make machines better; it's changing how we use technology and think about what we can achieve in the future
- Current AI landscape, dominated by specialized narrow AI, is rapidly progressing towards a more encompassing form of intelligence—Artificial General Intelligence (AGI).
- Virtual tutors equipped with AI capabilities can offer real-time feedback
- Regulating AI, ensuring transparency in decision-making
- The future of AI is not one of human versus machine, but of human-machine collaboration
- Autonomous machines, guided by AI, are set to transform industries from transportation to manufacturing
- The endless possibilities of AI in future are: pathology diagnosis, genomic analysis, robotic delivery, public transport, sentiment analysis, language learning, cognitive enhancement, virtual fitting rooms, dynamic pricing, collaborative robots, supply chain optimization, smart grid management, air quality monitoring, deepfake detection, interactive storytelling, weed detection, livestock monitoring, real-time language translation and many more.