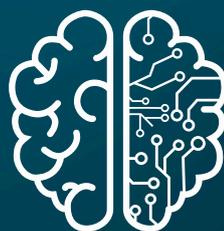
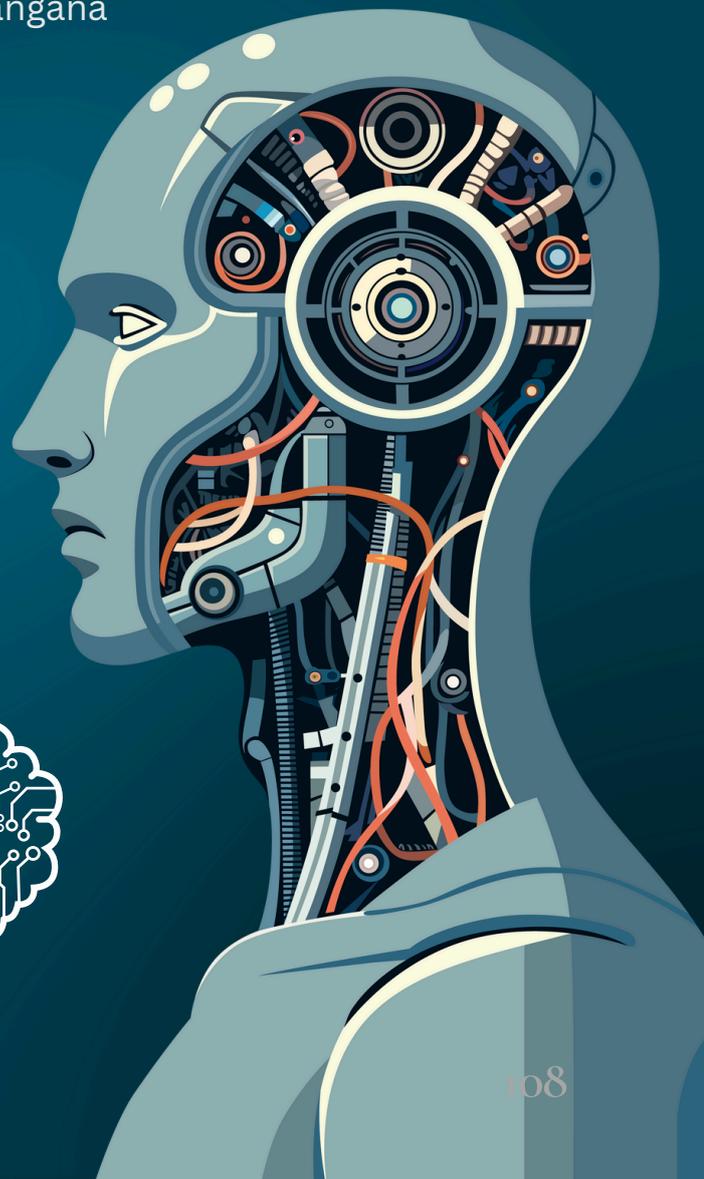


ARTIFICIAL INTELLIGENCE

MYTHS, FACTS AND FUTURE

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Everywhere, everyone is talking about Artificial Intelligence (AI)!! Do you think we know entirely about this invention? Is AI a revolutionary boon for healthcare, or does it pose a threat to human jobs? Will AI replace doctors, leaving us jobless in the future?

Everyone has a different perspective on AI. Let's dive into the reality of AI and uncover the truth together!

AI is the simulation of human intelligence in machines that are designed to think, learn, and solve problems. It involves the development of computer systems capable of performing tasks that typically require human intelligence, such as reasoning, problem-solving, decision-making, language understanding, and pattern recognition.

AI is covering every aspect of the healthcare system, from analyzing radiographs to spotting even the smallest change and detecting microscopic cancer cells, to reporting and helping with diagnosis and treatment planning. But how does it know everything? It operates using an algorithm that comprehends a condition, evaluates it, and provides us with the outcome. Although the results are generated in a matter of seconds, a great deal of background work and background checks must be completed.

The development of AI in healthcare follows a meticulous workflow:

1. Data Collection & Categorization - Large datasets are collected, deconstructed, and categorized for better system understanding.
2. Manual Annotation - Healthcare experts highlight areas of interest in medical images, identifying structures, defects, abnormalities, etc.
3. Algorithm Development - AI engineers create algorithms that enable the system to automatically analyze and annotate future datasets.
4. Training & Validation - The system is rigorously tested and refined to enhance precision and reliability.
5. Continuous Learning - AI continuously improves through verification and adaptation, ensuring accuracy and efficiency.

Multiple readings, double checks, and precision percentages will decide the application of AI in that particular field. So, for the many who think that it can replace Doctors will be a myth because I believe AI can be the cost-effective, coolest, most powerful, and smartest adjuvant tool for all healthcare workers, as it can keep an ocean full of knowledge within a click.



Thus, AI is a technology created by humans to make work easier in every conceivable profession. Rather than concentrating on the myths surrounding the potential replacement of human labor by AI, its potential must be unlocked. The healthcare system can benefit greatly from the combination of AI, which is a simulation of human intelligence, but not a complete replacement for it. AI has the potential to address many rare cases, detect and correctly diagnose early cancer symptoms, record each case, and

The future looks bright, as AI's possibilities in healthcare are limitless in terms of ongoing research. Various startup companies have initiated working, exploring, and creating a space for the applicability of AI in different sectors. One such initiative I am proud to be part of is OralVue by Energy Infotech Solutions, Hyderabad –an AI-driven platform designed to be an adjuvant diagnostic tool in clinical settings for clinicians to ease the problem of diagnosis and treatment planning. For future interest, kindly visit the website: www.oralvue.ai



There are unsettled debates and discussions about AI, but one must understand that.....

“AI is not here to replace us— it’s here to empower us.”