"Artificial Intelligence"- A futuristic vision

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ABSTRACT

Technology is shaping itself in and out to satisfy the needs and wants of people and eventually win the global markets.Most of the countries and its companies are competently emerging withnewer scientific concepts to bring in the high degrees of constructive and smart technology one of which is the "Artificial Intelligence "This leads to newer evolution of interfaces ,thereby also contribute to the better handling of information and conversion of information into knowledge.

Keywords: *Technology, Robots, Metrics, Human focus, AI powered machine, human centered experience, smart products, black-box, expectations, cogito, collabrative AI*

1. INTRODUCTION

To begin with, the famous Japanese quote by Francis of Assisi "Start by doing what's necessary;then do what's possible;and suddenly you are doing the IMPOSSIBLE"clearly states the spectacular growth of "TECHNOLOGY" from several eras of trying to spell the first letter of it till today where we get food served by the ROBOTS. This defines the breathtaking constructive exploitation of the human brain in most of the newly developing and flourishing countries which rule by skills and knowledge as their deadly weapon. For country like India ,today's most wanted technologies like the Uber,Ola,Swiggy,Zomato came out emerging in a high swing ,with a clear vision and eventually achieved enormous acceptance rate by providing high degree of customer satisfaction and other metrics.On the other hand, even as people's expectations for their future with technology continue to grow, many enterprises' attempts to deliver on those expectations are being rejected. Companies need to build a new path forward, developing new models that bring a human focus. Imagine a world with seamless, secure and personalized healthcare. Wearables give doctors instant access to patients' real-time and past vital signs. Digital healthcare records automatically incorporate results and notes from different providers, with no delayed requests for records or decisions made on incomplete information.

All the while, artificial intelligence (AI)-powered machines use these records to make preventative recommendations. Companies already aspire to this type of human-centered experience. But even though the technology exists to build it, implementation remains out of reach. Models that companies have been relying on for decades are becoming roadblocks. Closed ecosystem models mean different levels of technology access and different standards, creating obstacles to smooth experiences. Application-centered data models create fragmented, even conflicting, data about patients, while innumerable go-betweens, regulators and gatekeepers can often add friction—not value—to the experience. Meanwhile, concerns about security, privacy and ethical issues keep patients and providers alike wary of new technological solutions.
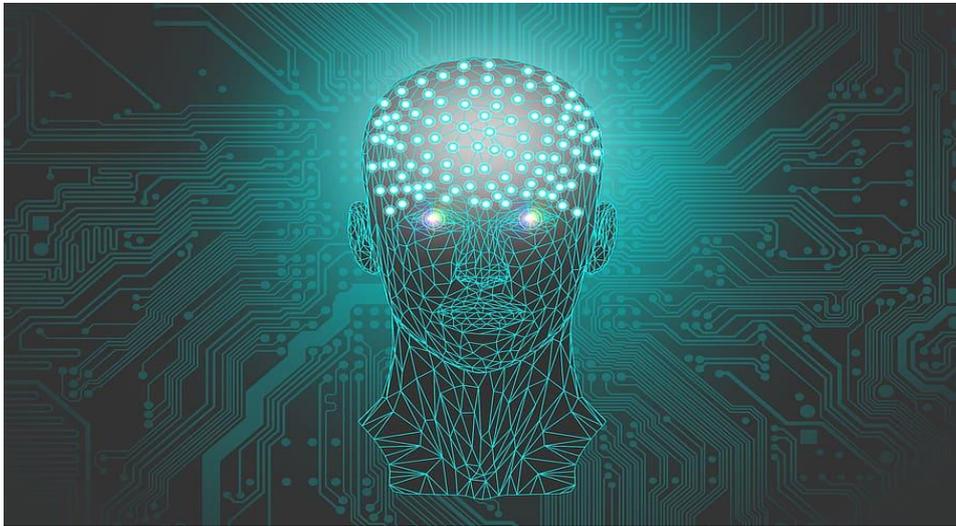
Smart products are appearing everywhere, but businesses create walled gardens around them, turning a world of unprecedented choice and customization into one of ecosystem lock-in. Privacy and security concerns around the troves of valuable data people produce lead to hesitation and distrust. AI is being applied to bigger challenges, but is still largely focused on automation, leading people to worry about losing their livelihoods. And the issues leading to tech-clash are changing constantly as technology becomes ever more prominent in people's lives. AI systems today are being used to decide whether a job candidate should proceed to an interview or recommend whether criminal defendants should be allowed to post bail. As the capabilities of AI-driven systems have grown beyond automating boring or repetitive tasks, to making decisions that directly impact people's lives, the fact that many of these systems are still "black-box" leaves people skeptical about the fairness and effectiveness of the algorithms. For people to accept the flurry of new product and service innovations that companies are eager to introduce, a major reckoning must take place. Companies must synchronize the business and technology models that drive enterprise value with people's evolving expectations. Advances in AI are letting organizations build interactive, adaptable and intelligent systems that collaborate with human employees to help them reach their goals. While this collaboration is valuable across the organization, businesses are finding it's especially transformative for their learning and training initiatives. Far more than just streamlining existing methods, collaborative AI coaching has the potential to democratize and expand HR programming, while creating entirely new strategies for employee development   Human-AI collaboration is also creating training opportunities that didn't exist before. Cogito, a behavioral science software company, is using voice-to-text and sentiment analysis to coach human call center agents in empathy during their phone calls with customers. When a customer calls with a question, Cogito lets the agents know in real time if they are speaking too fast or interrupting the customer. The AI-driven tech can also recognize the emotion and inflection in people's voices   offer live insights about how a customer is feeling and provide guidance to the call agent on how to improve the experience. This collaboration between human employees and AI not only offers the call agents real-time coaching, but also helps identify future coaching opportunities for them. Sophisticated systems that interact and collaborate with humans are becoming an integral part of the work environment, generating ideas and solutions just like their human counterparts. It's a new kind of partnership that impacts every level of the business, and leaders will see that opportunities for collaborative AI are both external and internal. AI training is just the start. In the future, collaboration between humans and AI will transform the business inside and out.My research as far as the highly emerging techno society is concerned is still in progress ,the overall idea is to give the readers the greater impact of the developing technology and its futuristic view from the 2020.

2. REFERENCES

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