

THE FUTURE OF BUSINESS

A Vision Underpinned by AI , Automation, and Robotics



Labor Challenges and The Rise of AI and Robotics

The global workforce is witnessing unprecedented changes, with an aging population and increasing scarcity of labor. The International Labor Organization predicts a global labor shortage of around 85.2 million people by 2030 [2]. However, this impending challenge presents an enormous opportunity for companies like inGen Dynamics to deliver innovative solutions.

Their products, such as Sentinel, Aido, and Origami, are designed to perform tasks in a multitude of environments, thereby easing human labor burdens and driving productivity. These robots are particularly useful in filling roles considered dangerous or unappealing, thus potentially solving a significant part of the labor shortage crisis.



Introduction

The future of business is transforming rapidly, with the pivot towards Artificial Intelligence (AI) and robotics taking center stage. Companies like inGen Dynamics are leveraging this technology to solve imminent societal challenges and set the stage for a revolution in productivity.

A Gartner report predicts that by 2025, AI and automation technologies could create an estimated 2 million additional jobs, emphasizing the potential these technologies bring to the market [1]. Companies like inGen are leading the charge, revolutionizing industries, and redefining the future of business.





The Emergence of Origami AI Platform

The Origami platform, an AI knowledge base developed by inGen Dynamics, showcases the future trajectory of AI-driven business. As stated by inGen Dynamics founder, "The Origami platform will serve as a cornerstone in our journey, accumulating our AI knowledge base for decades to come." The platform utilizes advanced AI to elevate human capabilities and potential in the business sphere.

Elon Musk, CEO of Tesla and SpaceX, has often expressed that AI will play a crucial role in the future of all industries [3]. The Origami platform aligns with this vision, indicating a future where AI is interwoven into all aspects of business operations.

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The Need for Automation

The demographic shifts and labor shortages necessitate automation. According to a report by the World Economic Forum, automation technologies could create 97 million new jobs globally. Bill Gates has stated that "AI is just the latest in technologies that allow us to produce a lot more goods and services with less labor," signifying the high potential of AI and robotics in the future of work. Moreover, the COVID-19 pandemic has emphasized the criticality of automation, particularly in sectors such as healthcare, that experienced severe labor shortages.





Impact on Households and Physical Labor

As of today, human labor accounts for 53% of the global GDP, which equates to approximately \$53 trillion annually [4]. AI and Robotics have the potential to impact a significant portion of this value. Satya Nadella, CEO of Microsoft, once said, "AI is the defining technology of our times"[5]. It is evident from the work of companies like inGen that the integration of AI and robotics in sectors like healthcare, education, fitness, and more, can redefine how businesses operate and deliver value.

Mark Zuckerberg, founder and CEO of Facebook (now Meta), believes in the potential of AI to transform our lives. He said, "Our future is going to become better by AI"[6]. With half a billion aging population worldwide, AI-powered solutions like those provided by inGen can greatly assist in taking care of the elderly, augmenting the household workforce and contributing to quality of life improvements.



Conclusion

The future of business is intertwined with the advancements of AI and Robotics. Companies like inGen Dynamics, with their AI solutions such as the Origami platform, are paving the way for a new era of productivity and human capability enhancement. By harnessing the power of AI and robotics, we can address labor shortages, improve living standards, and even extend our reach into the cosmos.

