



THE FUTURE COMPUTED

AI & Manufacturing

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Foreword by Çağlayan Arkan

“The Future Computed: AI and Manufacturing” is the next book in Microsoft’s *The Future Computed* series looking at the impact of AI on society.

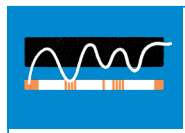
The book features stories from industry leaders and policymakers from around the world, sharing insights into how customers can progress their AI journey. It also sets out suggestions about how countries can build competitive manufacturing sectors while ethically delivering AI and addressing short-term disruption.

It identifies six key learnings:



1. Manufacturers are already seizing and, in some cases, leading the industrial AI opportunity. Manufacturing is again leading the way in embracing new tech, using AI to optimize processes and deliver new products.

2. AI is a journey. Microsoft has developed a guide to help companies begin and progress their AI initiatives.



3. Central to digital transformation is cultural transformation. To realize the value of AI, the entire organization must work to create a seamless information supply chain inside companies.

4. Those closest to the workforce are the most sensitive and attentive to AI’s impact on it. Their focus is to create a better company and more opportunity.



5. But there will be disruption and dislocation. Jobs in manufacturing will require new skills, and short-term disruption must be addressed. We need a new partnership for workforce development with technology providers, industry, government, learning institutions, and labor organizations.

6. Next-generation policies and laws are needed for next-generation technologies. New rules and new laws are needed to build trust in technology and guide responsible innovation.



To learn more about the book and to download your free digital copy, visit: <https://news.microsoft.com/futurecomputed/>. To speak with someone about progressing your AI journey or building an enabling policy landscape, email: futcomp@microsoft.com.