



Advancing Manufacturing with Automation and AI



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INTRODUCTION



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FIRM OVERVIEW

McKonly & Asbury is a team of CPAs and Business Advisors serving clients from our offices in Camp Hill, Lancaster, Bloomsburg, and Philadelphia.

We provide **Advisory & Business Consulting, Audit & Assurance, Entrepreneurial Support & Client Accounting, Internal Audit, Professional Placement, Tax, and Technology** services to a variety of industries including:



Affordable Housing



Construction



Employee Benefit Plans



Family-Owned Business



Healthcare



Manufacturing & Distribution



Nonprofits



OBJECTIVES

- Provide an overview of the current technology landscape in manufacturing
- Highlight the benefits of Industry 4.0 technologies
- Discuss practical next steps in embracing automation and AI





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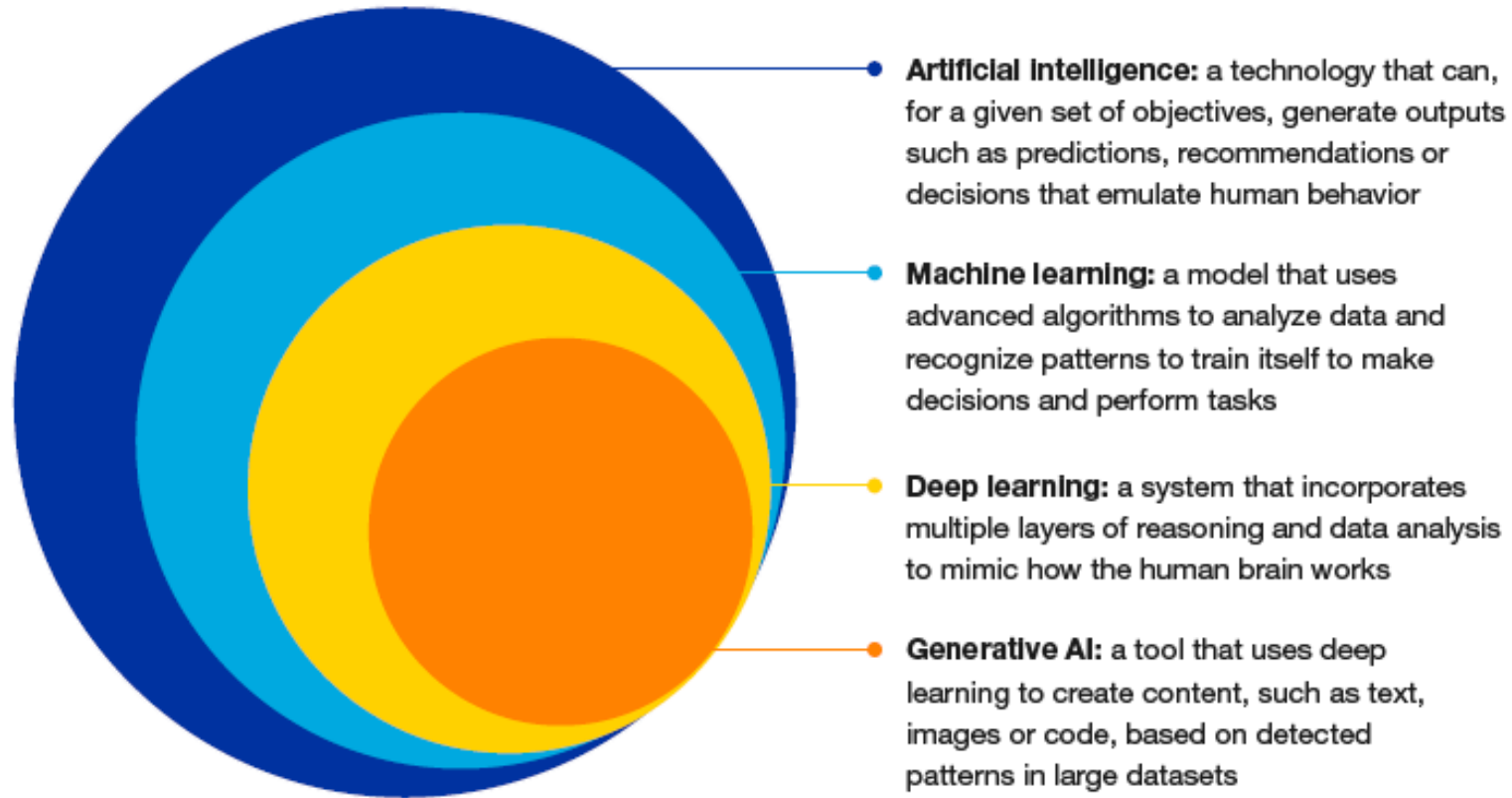
**WHICH TECHNOLOGIES ARE
WE TALKING ABOUT?**

WHICH TECHNOLOGIES?

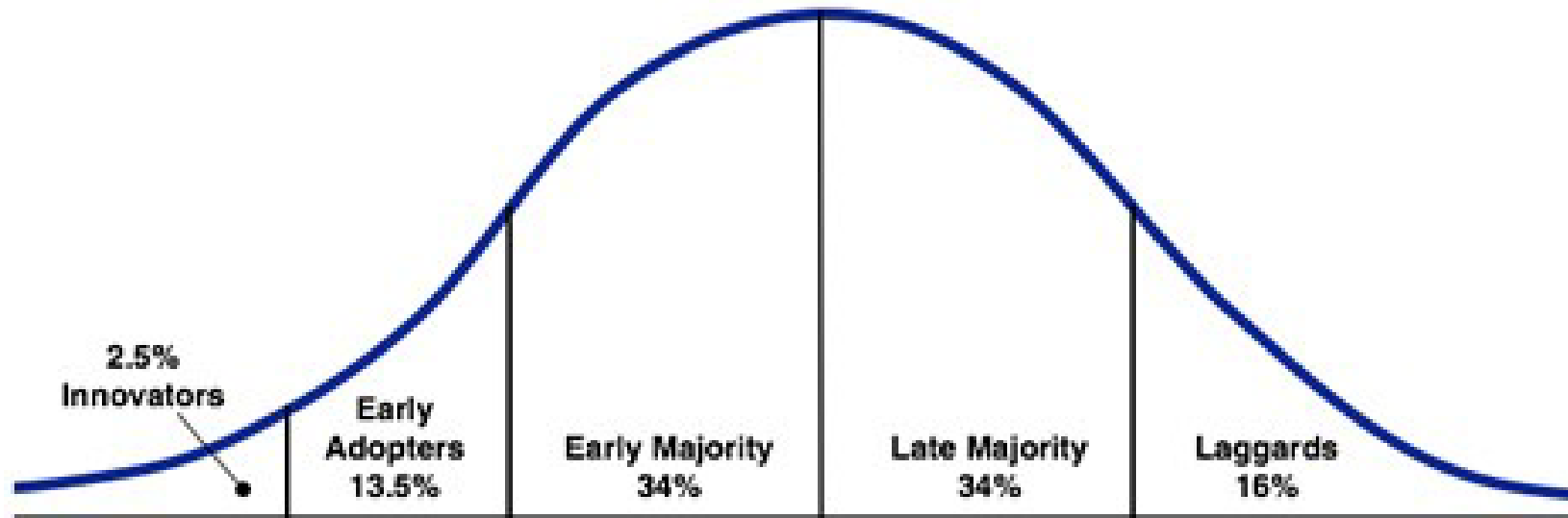
- Industry 4.0
 - Internet of Things (IoT)
 - Big data / advanced analytics
 - Advanced automation and robotics
 - Digital twin
 - Additive manufacturing
 - Artificial Intelligence (AI)



ARTIFICIAL INTELLIGENCE



WHERE ARE WE?



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WHAT ARE THE BENEFITS?

ISSUES FACING MANUFACTURERS

First - What are some of the challenges facing manufacturers today?



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BENEFITS

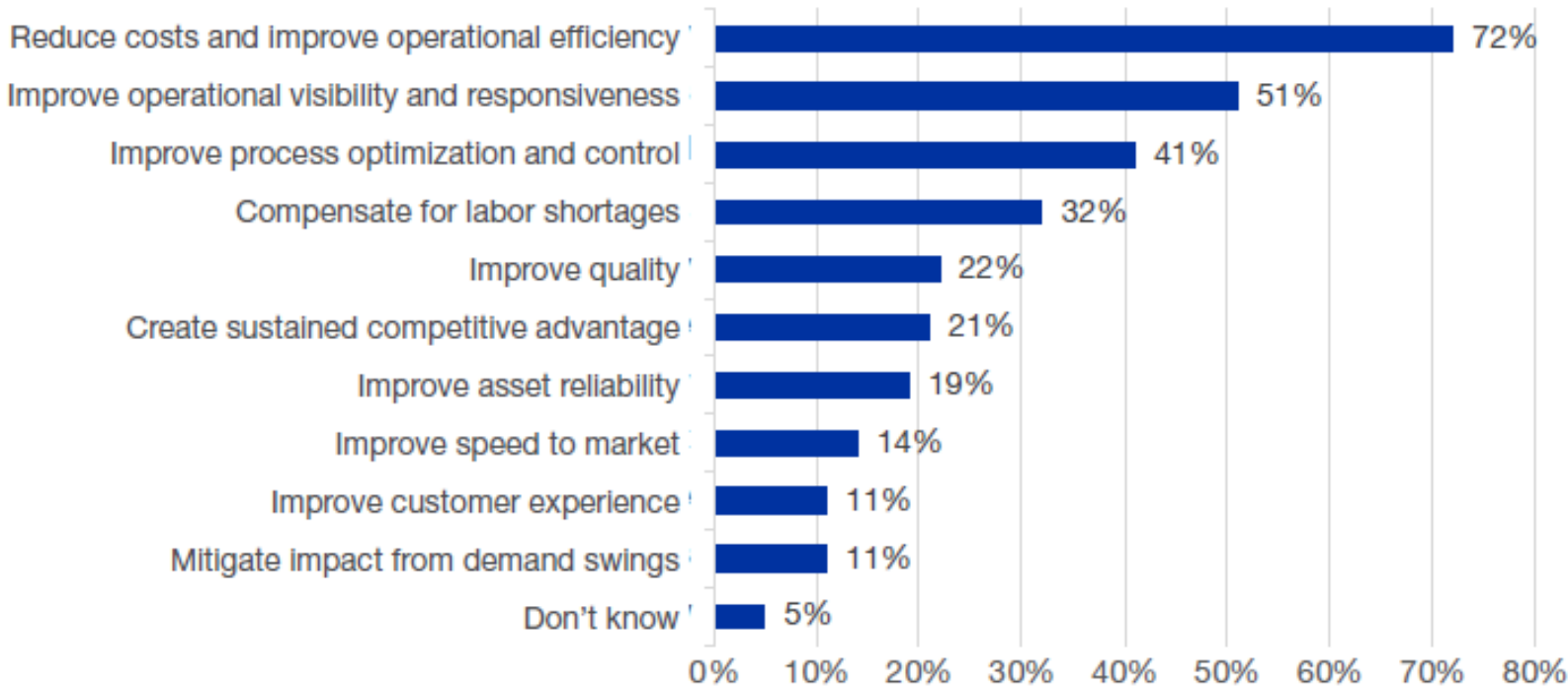
How can technology assist with many of the challenges faced by manufacturers today?



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Figure 1: What Are the Most Important Reasons Your Company Invests in Transformative M4.0 Technologies? (Check Top Three Reasons)



CAUTION

In what ways should manufacturers be cautious about adopting AI and automation?



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CYBERSECURITY

Why must cybersecurity be considered as manufacturers invest in Industry 4.0 technologies?



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NEXT STEPS

NEXT STEPS

How should companies make the determination as to which business area to invest in automation and AI next?



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NEXT STEPS

Once you determine the next project, what steps are necessary to have a successful implementation?



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UPCOMING EVENTS

JUNE 27 WEBINAR

Unlocking ESOPs: Best Practices
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