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AI for Supply Chain Analytics

Key drivers to digitize Supply Chain

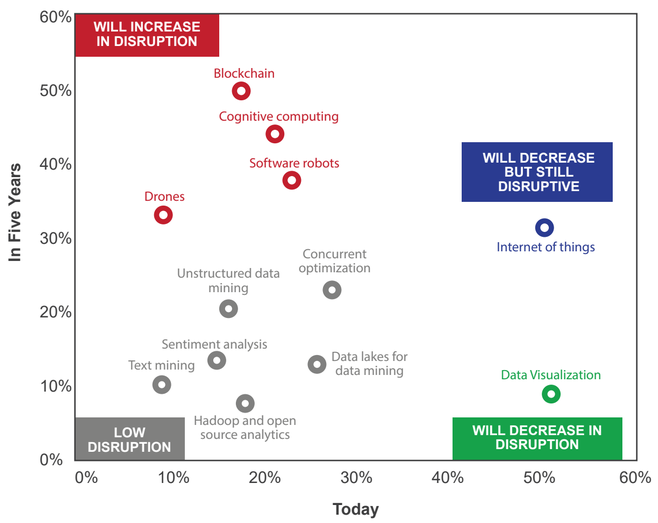
Fragmentation of production across multiple locations globally

Shifting customer expectations- customization & omni channel

Greater cost pressures- on margins, along with higher levels of industry consolidation

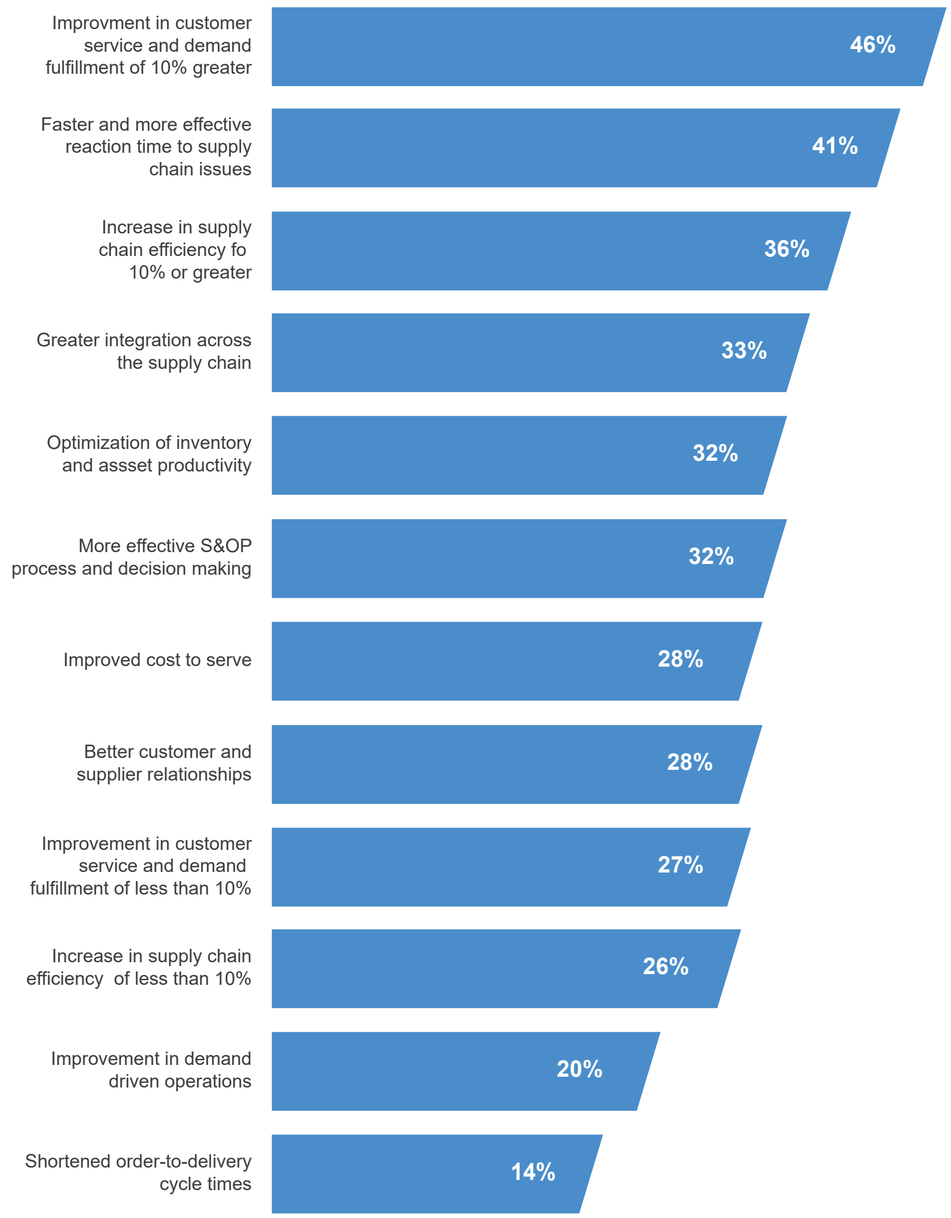
Emergence of new technologies- AI, Big data to streamline operations, anticipate market shifts, improve service, and encourage growth

Disrupting analytics strategies impacting Supply Chain: Today vs. in five years



Source: Supply Chain Insights LLC, Analytics Strategies Study

What early adopters of AI driven data analytics in Supply Chain Management have achieved



Source: Supply Chain Insights

Applying AI to Supply Chain can yield huge benefits

Cut upto **20- 30%** inventory, depending on the industry.

Increase the average fill rate by **3 to 7** percentage points.

Generate margin improvements of as much as **1 to 2** percentage points.

Can identify opportunities for savings equal to **15- 20%** of transportation costs.

Upto **80%** of the predicted test cases can be more accurate than human experts at the same task.

Source: WEF

Current levels of AI & data analytics adoption in Supply Chain

Only **7%** of all manufacturing and supply chain service companies are using AI to automate production activities.

Only **13%** report that logistics is the area of their organization that is leading or evaluating the investment and adoption of AI systems.

Only **8%** are using AI to budget effectively.

Only **3%** are using AI to detect fraud

Source: HBR