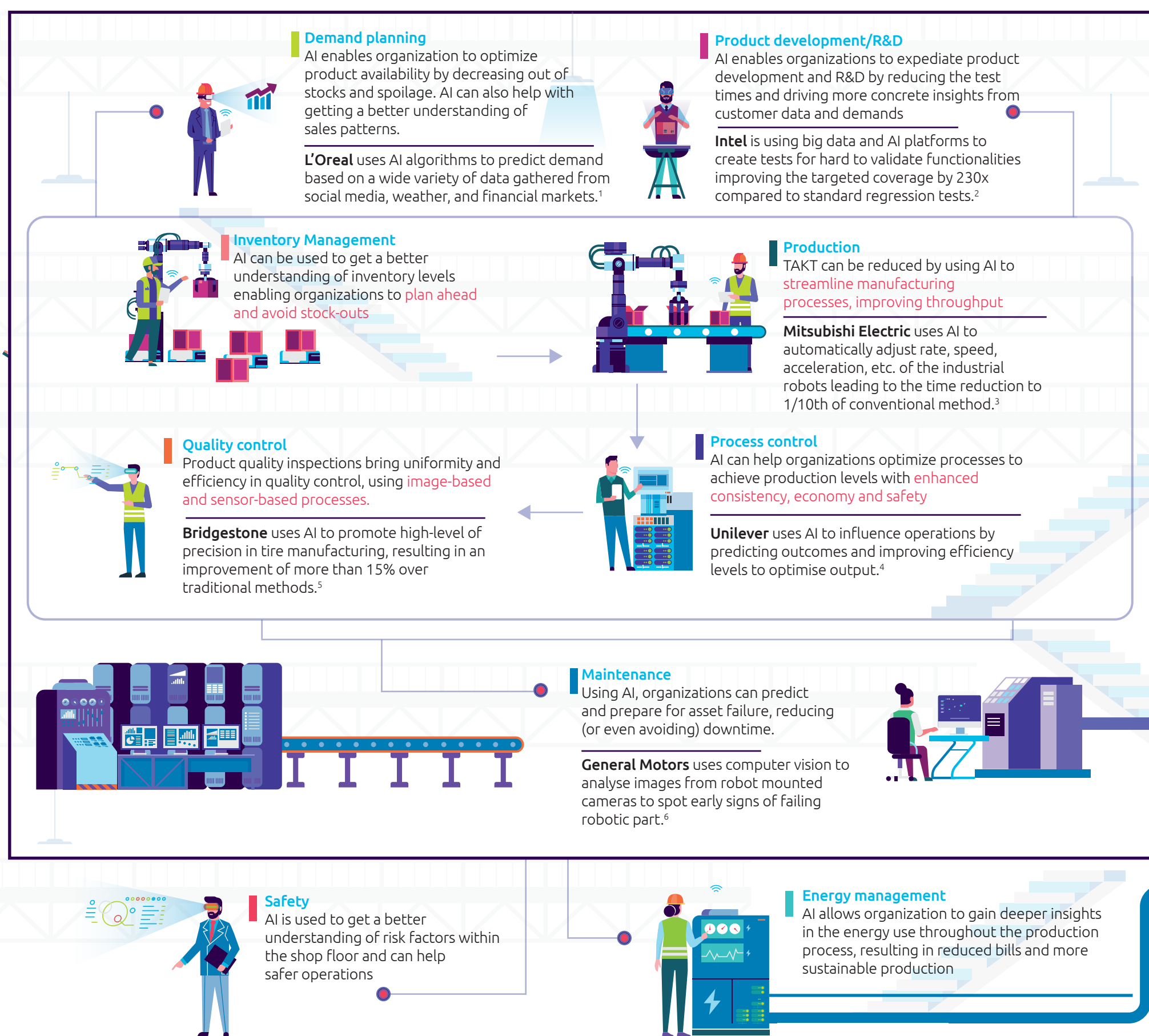


Scaling AI in Manufacturing Operations: A Practitioners' Perspective

AI holds strong potential across the manufacturing value chain



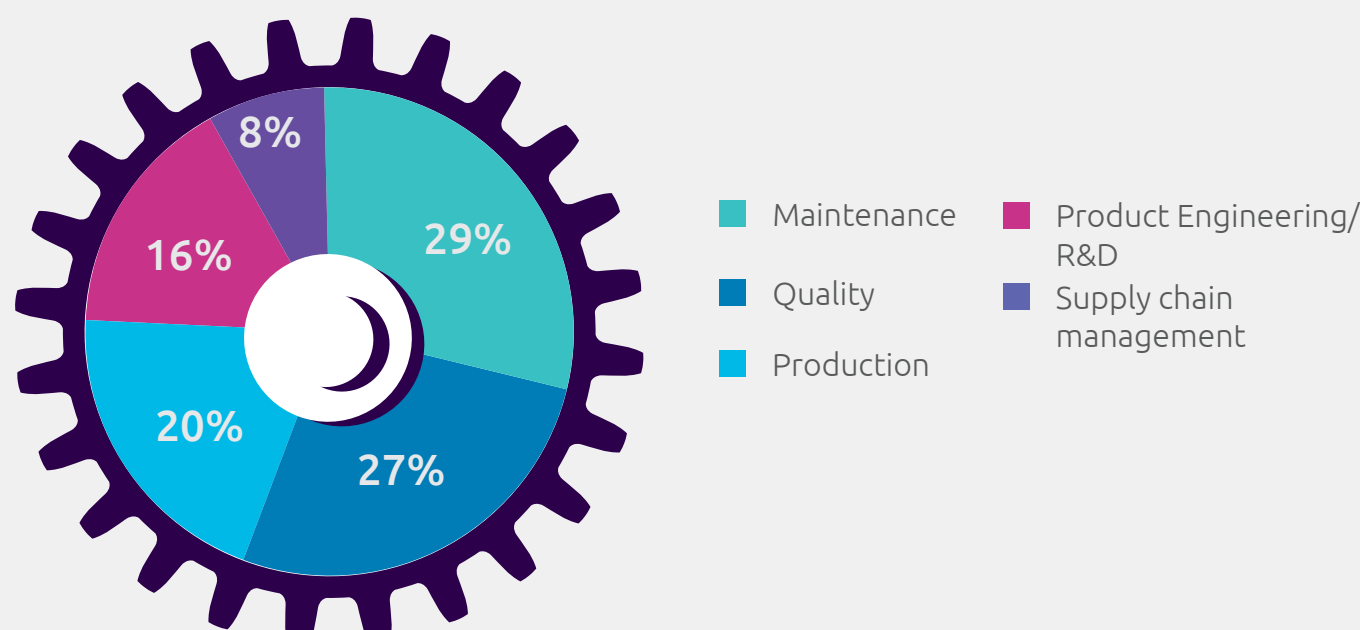
Sources: Capgemini Research Institute. Artificial Intelligence in Operations, Secondary research of top 75 companies by revenue from Industrial Manufacturing, Automotive Manufacturing, Consumer Products and Aerospace and Defense.

Reference:

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3. Mitsubishi News Releases, "Mitsubishi Electric's Fast Stepwise-learning AI Shortens Motion Learning", February 2019
4. Cosmetics design-europe.com, "Unilever invests in digital factories to harness supply chains", July 2019
5. Harvard Business School, "Bridgestone: Production System Innovation Through Machine Learning," November 2018
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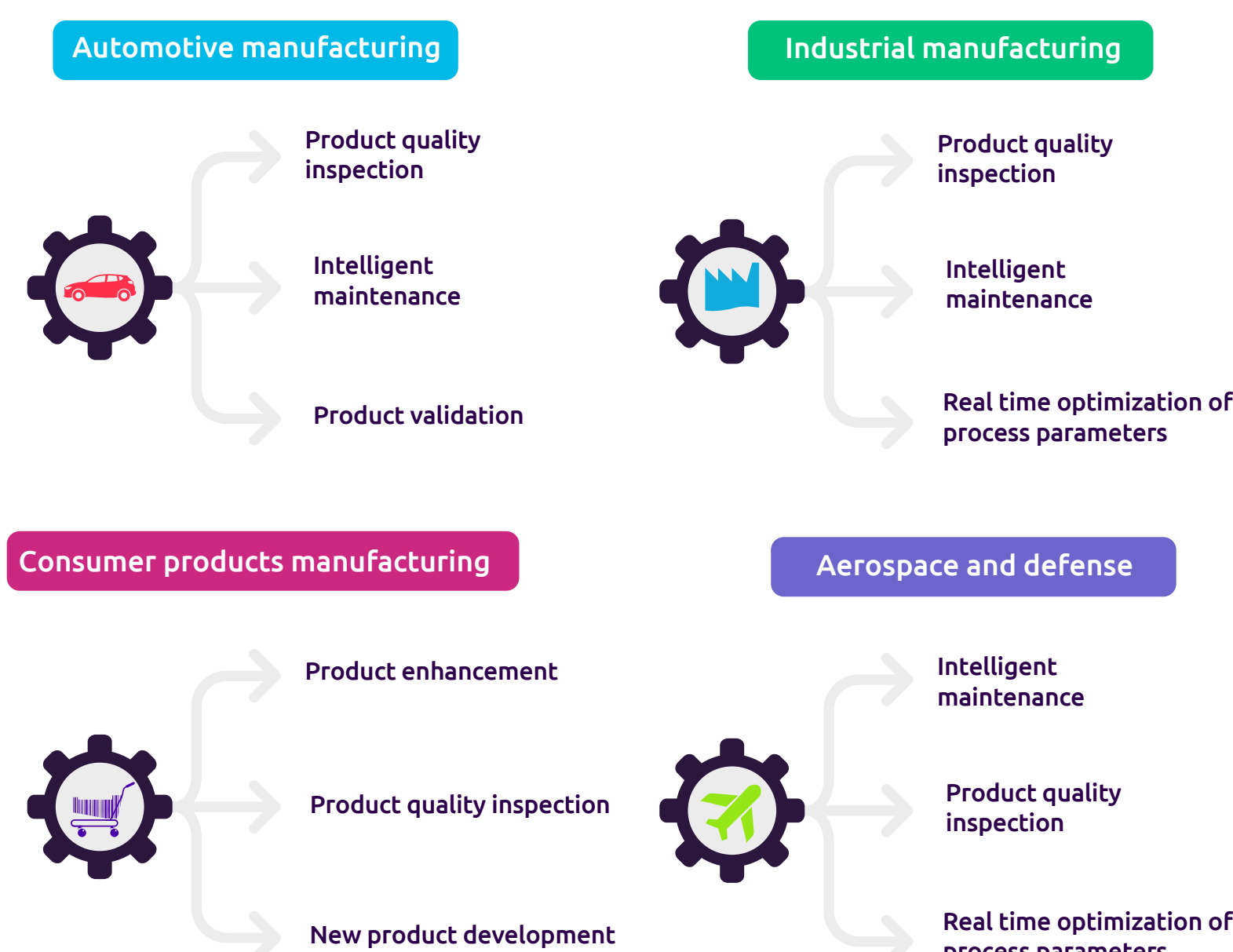
Manufacturers focus their AI implementations on maintenance and quality

Share of use cases implemented by function



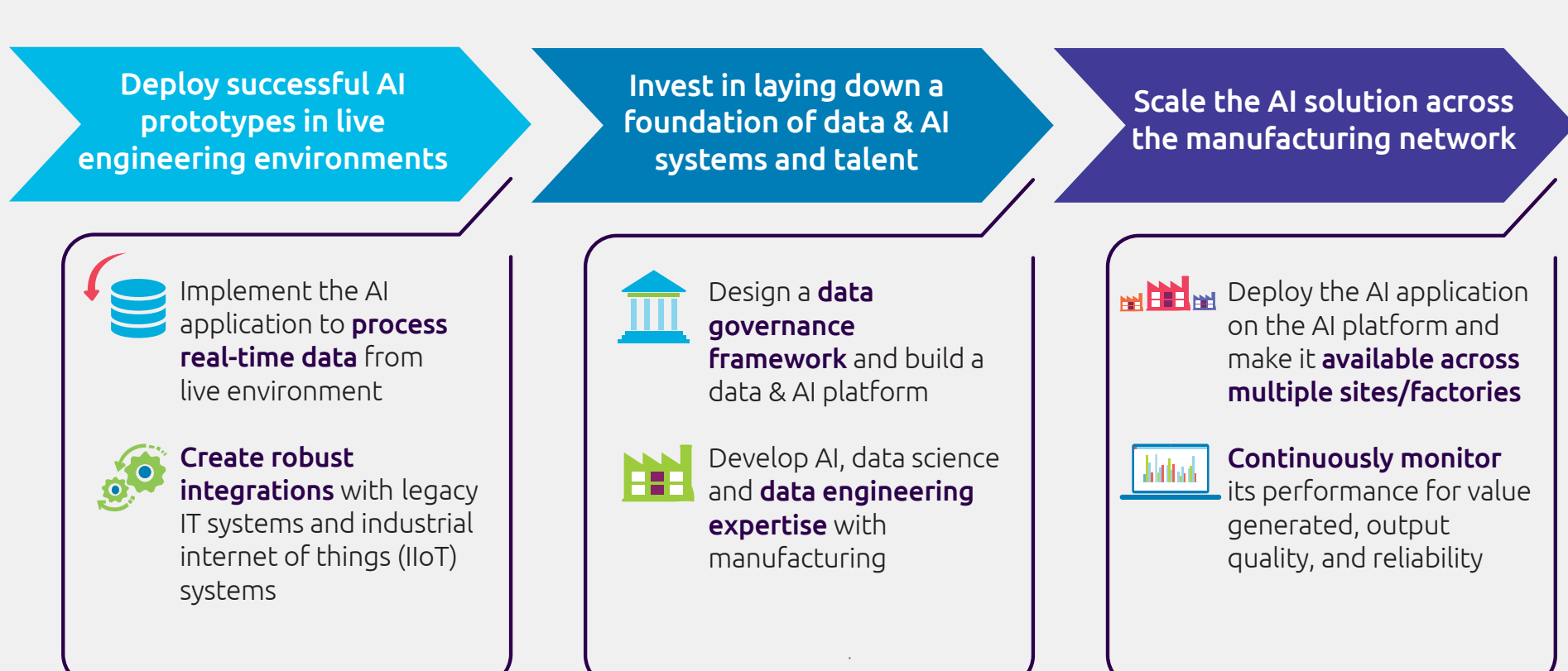
Sources: Capgemini Research Institute. Artificial Intelligence in Operations, Secondary research of top 75 companies by revenue from Industrial Manufacturing, Automotive Manufacturing, Consumer Products, and Aerospace and Defense. *Supply Chain Management includes supply chain, logistics, inventory management, and warehousing
Percentages depict the share of use cases implemented in a given function

Product quality inspection features among the top three implemented use cases across sectors



Source: Capgemini Research Institute. Artificial Intelligence in Operations, Secondary research of top 75 companies by revenue from Industrial Manufacturing, Automotive Manufacturing, Consumer Products, and Aerospace and Defense.

Roadmap for scaling AI in Manufacturing Operations



Sources: Capgemini Research Institute analysis.



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