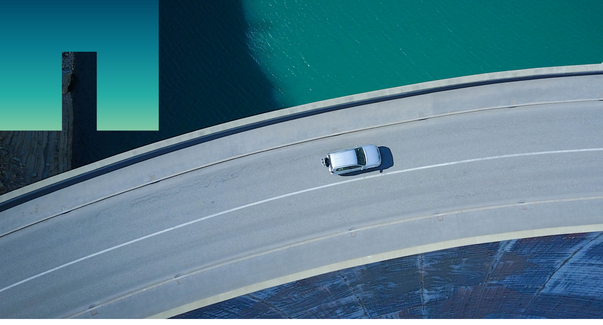
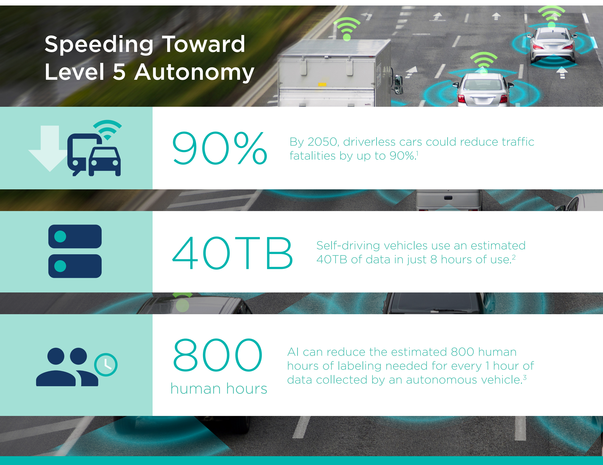


Driving Transformation in Automotive with AI and Deep Learning

Artificial intelligence (AI) is transforming the automotive industry—streamlining manufacturing, driving innovative mobility services, and enabling ground-breaking advancements in autonomous vehicles.

Here are three ways in which AI is changing the way the world moves.

Speeding Toward Level 5 Autonomy



90% By 2050, driverless cars could reduce traffic fatalities by up to 90%.[1]

40TB Self-driving vehicles use an estimated 40TB of data in just 8 hours of use.[2]

800 human hours AI can reduce the estimated 800 human hours of labeling needed for every 1 hour of data collected by an autonomous vehicle.[3]

Reinventing Transportation Through Mobility as a Service

69%

By 2023, nearly 69% of passenger vehicles sold will be connected to external data services.[4]

36%

36% of Americans have used ride-hailing services.[5]

3 Miles

Nearly half of all vehicle trips in the US are under 3 miles, creating new opportunity for rideshare, bikeshare, and scootersharing services.[6]

Accelerating Manufacturing Through Automation

AI has potential to increase equipment availability by as much as 20% and reduce annual maintenance costs by 10%.[7]

Machine learning improves product quality up to 35% in discrete manufacturing industries.[8]

50% of companies that embrace AI over the next 5 to 7 years have the potential to double their cash flow.[9]

Today's data visionaries are joining NetApp and NVIDIA to apply AI and deep learning to the automotive industry's greatest challenges.

NVIDIA supercomputers and NetApp cloud-connected all-flash storage simplify, accelerate, and integrate the data pipeline for AI and deep learning.

NetApp NVIDIA

To discover how NetApp and NVIDIA can help you accelerate your journey into the world of artificial intelligence, go to **netapp.com/ai**.

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