AI is Revolutionizing Every Industry

It's already revolutionizing the fields of supercomputing, healthcare, financial services, big data analytics, and gaming. That reach is about to take a massive leap forward.

The introduction of the NVIDIA Volta™ architecture to the world of AI is bringing humanity's moonshots within reach. Breakthroughs in eliminating cancer, more intelligent consumer experiences, and the adoption of self-driving vehicles will be the milestones of our journey into this new era of AI.

NVIDIA Volta
Designed to Bring AI to Every Industry

A Powerful GPU Architecture, Engineered for the Modern Computer

With over 21 billion transistors, Volta is the most powerful GPU architecture the world has ever seen. It's made for computational and data science, pairing NVIDIA® CUDA® and Tensor Cores to deliver the performance of an AI supercomputer in a single GPU.

Tensor Core
An Exponential Leap in Performance

Volta is equipped with Tensor Core technology to deliver over 100 TFLOPS of deep learning performance. This is a 5X speed increase over the previous generation NVIDIA Pascal™ architecture and a massive leap forward—bringing AI to every industry.

NVIDIA Volta Architecture is Revolutionizing AI

www.nvidia.com/volta