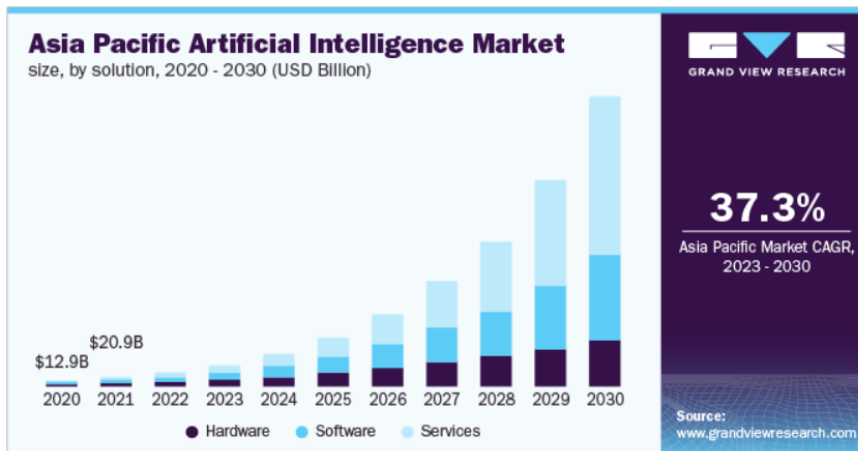


Artificial Intelligence Market Size, Share & Trends Analysis Report By Solution, By Technology (Deep Learning, Machine Learning), By End- use, By Region, And Segment Forecasts, 2023 - 2030

<https://www.grandviewresearch.com/industry-analysis/artificial-intelligence-ai-market>

The global artificial intelligence market size was valued at USD 136.55 billion in 2022 and is projected to expand at a compound annual growth rate (CAGR) of 37.3% from 2023 to 2030. The continuous research and innovation directed by tech giants are driving the adoption of advanced technologies in industry verticals, such as automotive, healthcare, retail, finance, and manufacturing. For instance, in November 2020, Intel Corporation acquired Cnvr.io, an Israeli company that develops and operates a platform for data scientists to build and run machine learning models, to boost its artificial intelligence business. Technology has always been an essential element for these industries, but artificial intelligence (AI) has brought technology to the center of organizations. For instance, from self-driving vehicles to crucial life-saving medical gear, AI is being infused virtually into every apparatus and program.



\$15.7 trillion game changer

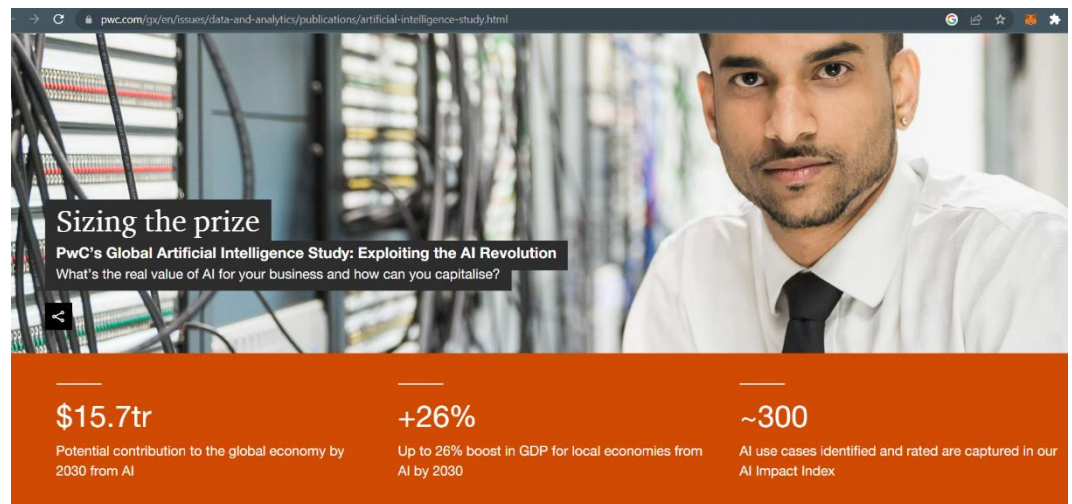
<https://www.pwc.com/gx/en/issues/data-and-analytics/publications/artificial-intelligence-study.html>

Total economic impact of AI in the period to 2030

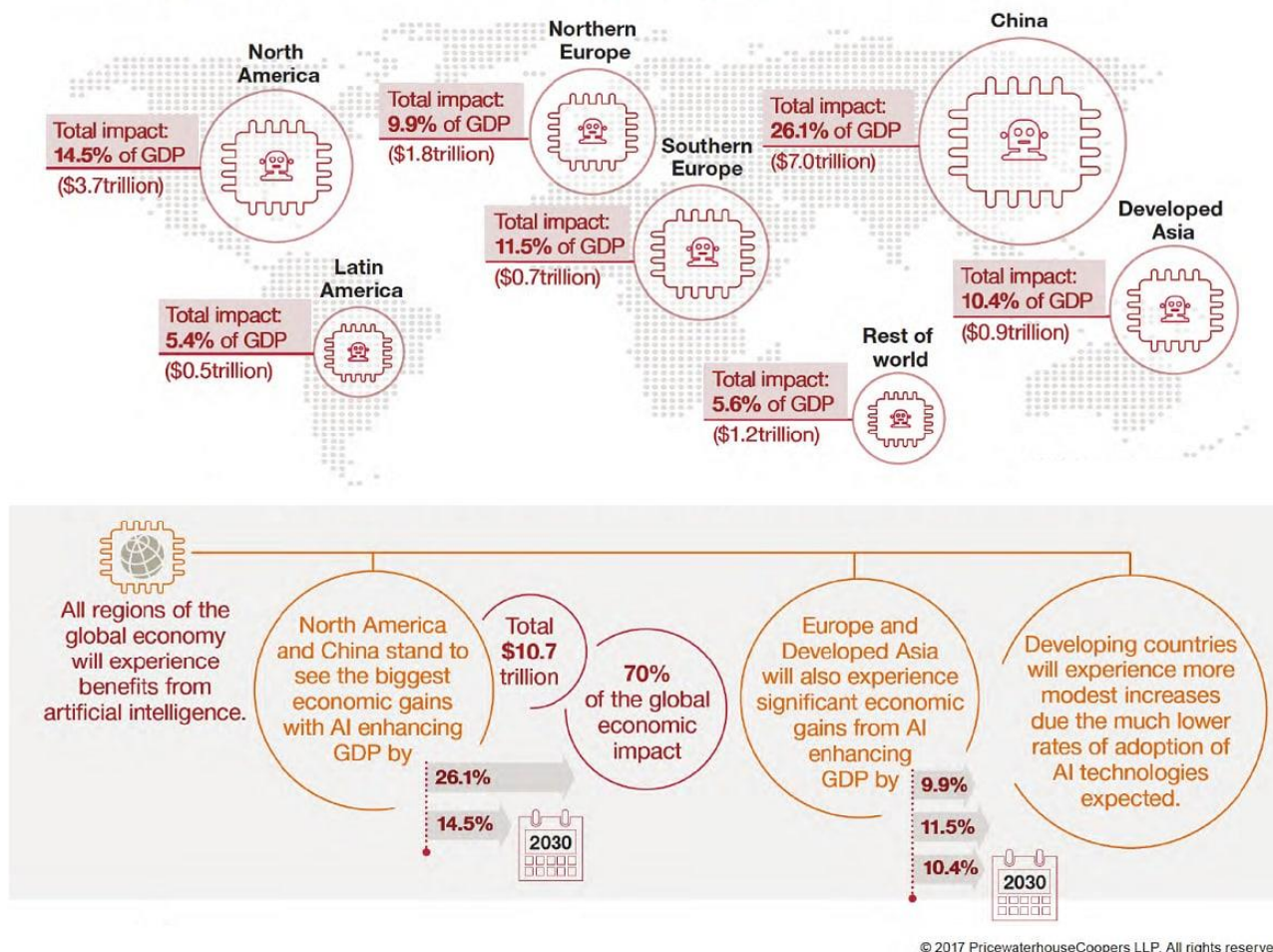
What comes through strongly from all the analysis we've carried out for this report is just how big a game changer AI is likely to be, and how much value potential is up for

grabs. AI could contribute up to \$15.7 trillion¹ to the global economy in 2030, more than the current output of China and India combined. Of this, \$6.6 trillion is likely to come from increased productivity and \$9.1 trillion is likely to come from consumption-side effects.

While some markets, sectors and individual businesses are more advanced than others, AI is still at a very early stage of development overall. From a macroeconomic point of view, there are therefore opportunities for emerging markets to leapfrog more developed counterparts. And within your business sector, one of today's start-ups or a business that hasn't even been founded yet could be the market leader in ten years' time



Sizing the prize – Which regions gain the most from AI?



AI impact index

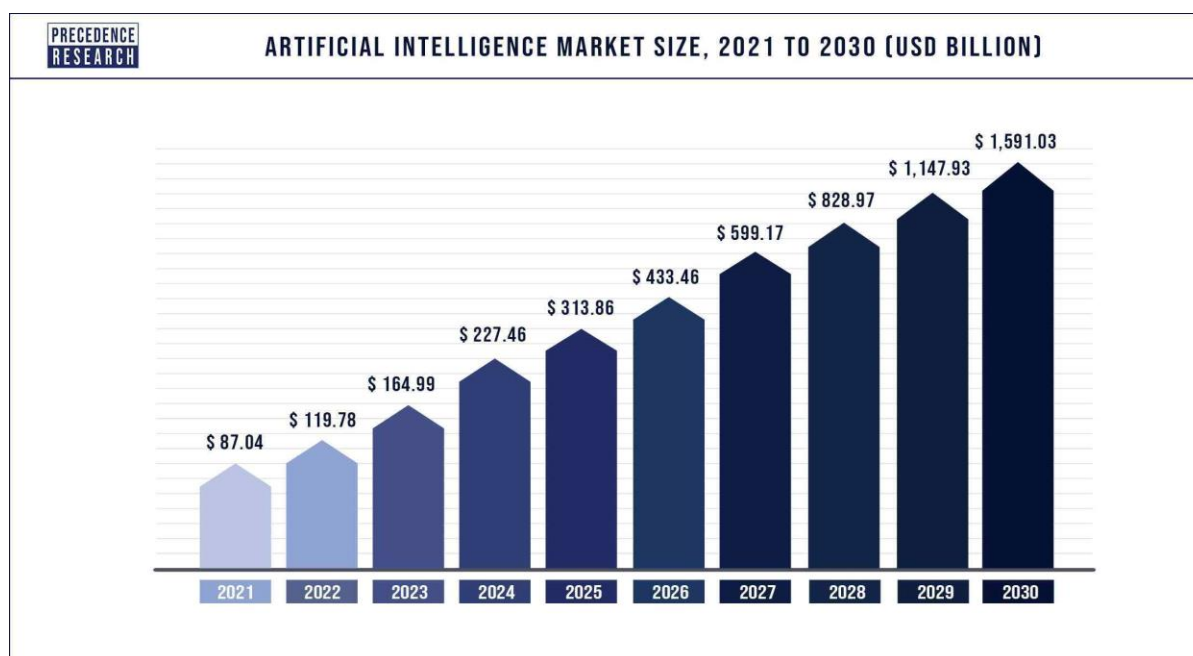
AI is set to be the key source of transformation, disruption and competitive advantage in today's fast changing economy. In this report we've drawn on the findings to create our AI Impact Index, where we look at how quickly change is coming and where your business can expect the greatest return.

The areas with the biggest potential and associated timelines are designed to help your business target investment in the short- to medium-term.

The global artificial intelligence (AI) market size was estimated at US\$ 119.78 billion in 2022 and it is expected to hit US\$ 1,591.03 billion by 2030 with a registered CAGR of 38.1% from 2022 to 2030.

<https://www.precedenceresearch.com/artificial-intelligence-market>

The North America artificial intelligence market was valued at USD 51 billion in 2021.



Key Takeaway

- The Asia Pacific market is expected to grow at highest CAGR 42% from 2022 to 2030.
- Based on the technology, the deep learning segment has captured 39% market share in 2022.
- By solution, the software segment has accounted for a market share of over 41% in 2022.
- By end user, the advertising & media segment has accounted for 22% of the market share in 2022.
- North America accounted 43% market share in 2022.

Growth Factors

The rapid penetration of the digital technologies and internet has significantly contributed towards the growth of the global artificial intelligence market in the past few years. The heavy investments by the tech giants in the research and development are continuously fueling the technological advancements in various industries. The burgeoning demand for the artificial technology among the various end use verticals such as automotive, healthcare, banking & finance, manufacturing, food and beverages, logistics, and retail is expected to significantly drive the growth of the global artificial

*Evidence of Need for skilling in the areas of **Artificial Intelligence and Machine Learning***

intelligence market in the forthcoming years. Technological innovations have been always an important part of the majority of the industries.

The rising popularity of various life-saving medical devices and the self-driving feature in the new electric vehicles is significantly boosting the growth of the AI market across the globe. The shifting focus of the globe towards the digitalization is positively impacting the market growth. The top global tech giants such as Google, Microsoft, IBM, Amazon, and Apple are increasing their investments in the upgradation and development of various applications of AI. The rising efforts of the tech giants towards improving the access to the AI is expected to foster the growth of the global AI market during the forecast period.

Favorable government initiatives are expected to impose a positive impact on industry growth. The establishment of subcommittees on machine learning and AI within the federal government has drawn the traction towards the AI industry. In 2020, The Government of India increased the spend for Digital India to \$477 million to boost AI, IoT, big data, cyber security, machine learning and robotics. The artificial intelligence market is expected to witness significant growth in the BFSI sector on account of data mining applications as there is an increase in the adoption of artificial intelligence solutions in data analytics, fraud detection, cybersecurity, and database systems.

The Artificial Intelligence market is projected to grow from \$387.45 billion in 2022 to \$1,394.30 billion by 2029, at a CAGR of 20.1% in forecast period.

<https://www.fortunebusinessinsights.com/industry-reports/artificial-intelligence-market-100114>

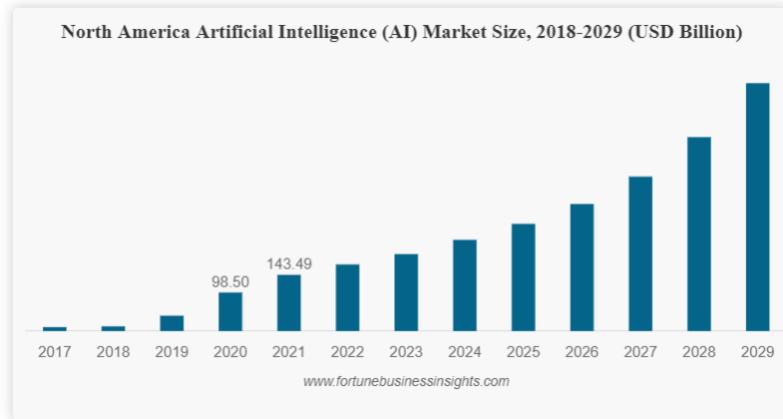
The screenshot displays the Fortune Business Insights website. The header includes the company logo and navigation links: HOME, INDUSTRIES, SERVICES, INSIGHTS, ABOUT, and CONTACT. A secondary navigation bar highlights 'Technology' and 'Artificial Intelligence Market'. The main content area features the report title: 'Artificial Intelligence Market Size, Share & COVID-19 Impact Analysis, By Component (Hardware, Software, and Services), By Function (Human Resources, Marketing & Sales, Product/Service Deployment, Service Operation, Risk, Supply-Chain Management and Others), By Deployment (Cloud, On-premises), By Industry (Healthcare, Retail, IT & Telecom, BFSI, Automotive, Advertising & Media, Manufacturing, and Others), and Regional Forecast, 2022-2029'. It also provides metadata: 'Region : Global | Format: PDF | Report ID: FBI100114', a 'Share' button with social media icons, and a 'Market Research Report' thumbnail. On the right, a sidebar lists 'PUBLISHED ON: Apr, 2022', 'BASE YEAR: 2021', 'HISTORICAL DATA: 2018-2020', and 'NO OF PAGES: 160'.

The artificial intelligence market size was valued at USD 328.34 billion in 2021 and is projected to grow from USD 387.45 billion in 2022 to USD 1,394.30 billion by 2029, exhibiting a CAGR of 20.1% during the forecast period. Based on our analysis, the global market had exhibited a rise of 150.0% in 2020 compared to 2019. The global COVID-19 pandemic has been unprecedented and staggering, with this technology experiencing higher-than-anticipated demand across all regions compared to pre-pandemic levels.

The report covers AI-based solutions such as Qualcomm AI Model Efficiency Toolkit, Facebook's ParLAI, AWS Chatbots, OpenAI Codex, and Azure AI, among others. Artificial intelligence is being rapidly integrated into corporate processes around the world to improve business operations and consumer experience. Small and medium businesses are also investing in technology to improve the functionality and performance of their operations at a low cost. A significant development in 5G deployment, automation, [cloud computing](#), and large databases, among others, are likely to drive technology demand.

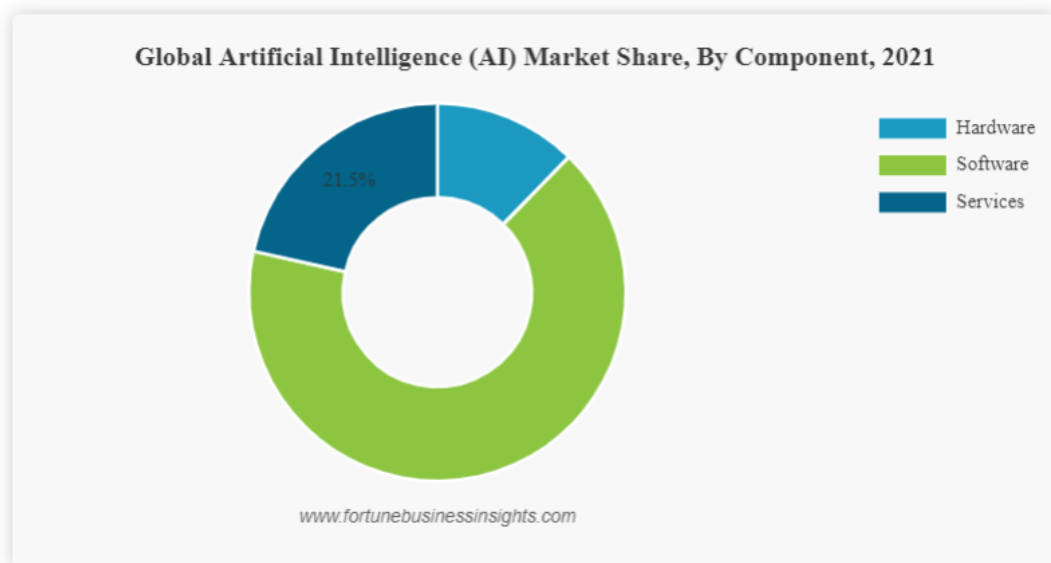
Similarly, its ability to detect threats in real-time is expected to push its integration with cybersecurity solutions. For instance, in August 2021, Stellar Cyber, a U.S based security operations platform provider, announced a partnership with BlackBerry Limited. The partnership's objective is to promote the deployment of AI-powered security solutions for organizations and managed security service providers (MSSPs).

Evidence of Need for skilling in the areas of **Artificial Intelligence and Machine Learning**



SEGMENTATION

By Component Analysis



10 Awesome & High-Paying AI Careers to Pursue in 2023

<https://www.springboard.com/blog/data-science/careers-in-ai/>



Sakshi Gupta | 8 minute read | March 7, 2022



In this article

- [Is Artificial Intelligence a Good Career?](#)
- [What's the Current AI Job Outlook?](#)
- [What AI Careers Can You Pursue?](#)
- [Which Industries Are Hiring AI Professionals?](#)
- [AI Careers FAQs](#)

Over the last few years, artificial intelligence (AI) has opened up possibilities for the future. From space exploration to melanoma detection, it is making waves across industries, making impossible things possible.

As a result, there has also been a steady growth in AI careers—LinkedIn puts artificial intelligence practitioners among the ‘jobs on the rise’ in 2021. In this blog post, we explore the ten awesome and high-paying AI careers you can pursue in 2021 and beyond.

Is Artificial Intelligence a Good Career?

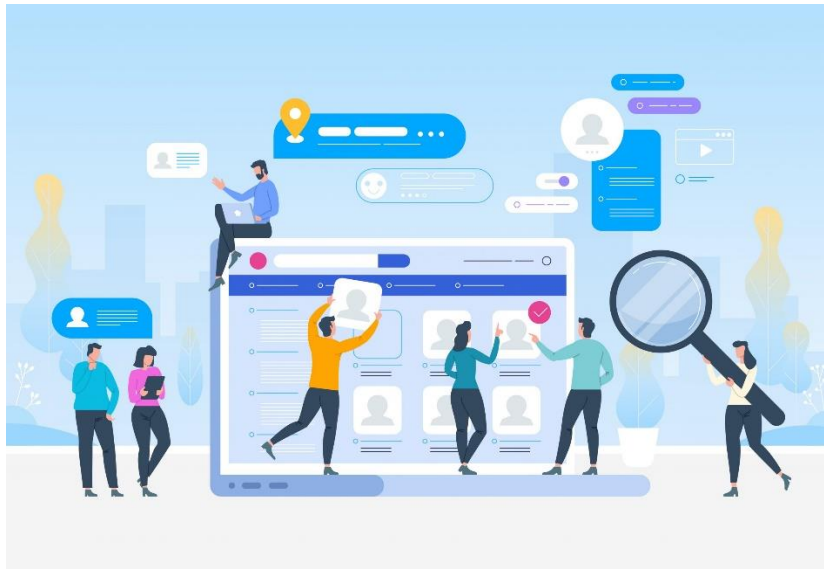
Yes, because:

- AI jobs are plenty, hiring growing by 32% in the last couple of years
- There is a high talent gap—not enough qualified applicants for vacant positions

Evidence of Need for skilling in the areas of **Artificial Intelligence and Machine Learning**

- AI professionals earn top salaries, well north of \$100,000
- As a rapidly evolving industry, growth opportunities in AI careers are diverse
- AI careers are flexible—you could be a freelancer, consultant, researcher, practitioner, or even build your own AI products

What's the Current AI Job Outlook?



The current AI job outlook is quite promising. The [US Bureau of Labor Statistics](#) expects computer science and information technology employment to grow 11% from 2019 to 2029. This will add about 531,200 new jobs in the industry. This, it appears, is a conservative estimate. 'AI and Machine Learning Specialists' is the second on the list of jobs with increasing demand as per the [World Economic Forum](#).

As the industry matures, jobs in AI will not only grow in number but also complexity and diversity. This will open doors for various professionals—junior, senior, researchers, statisticians, practitioners, experimental scientists, etc. The outlook for [ethical AI](#) is also looking up.