Facts about AI

* AI is evolving

AI is transforming how people live and work, and the evolution is accelerating.

* AI can improve lives

AI can help advance healthcare, research, and technical capabilities, and it can replace dangerous or monotonous jobs.

* AI can write

AI can write and provide information about natural disasters and other topics by collecting data from devices.

* AI doesn't have senses

AI interprets data, but it doesn't have senses like sight, taste, touch, hearing, feeling, or smell.

* AI can create jobs

AI is expected to create 12 million more jobs than it replaces.

* AI doesn't replace workers

AI refines work that needs to be done, so employees are still needed even if a business uses AI technology.

* AI can enhance creativity

AI can enhance creative productivity in fields like digital art.

* AI can't maintain or repair itself

AI is liable to have issues or break down in specific contexts because it hasn't reached its full potential.

Artificial Intelligence Facts

* AI-enabled devices are everywhere. Nearly [77 percent](https://hackernoon.com/revolution-of-ai-in-2020-is-it-real-dr6fk2zfd) of devices today use AI technology in one form or another.
* The growth of AI startups accelerated [14-fold](https://www.forbes.com/sites/louiscolumbus/2018/01/12/10-charts-that-will-change-your-perspective-on-artificial-intelligences-growth/?sh=54942f764758) since 2000. And we’d bet more of them are coming up every year.
* Business leaders trust AI’s power in driving growth. [84%](https://www.accenture.com/us-en/insights/artificial-intelligence-summary-index) of C-level executives believe that they need to adopt and leverage Artificial Intelligence to drive growth objectives.
* The global AI market is booming. It will reach [190.61 billion dollars](https://www.marketsandmarkets.com/Market-Reports/artificial-intelligence-market-74851580.html) by 2025, at a compound annual growth rate of 36.62 percent.
* By 2030, Artificial Intelligence will add [15.7 trillion dollars](https://www.pwc.com/gx/en/news-room/press-releases/2017/ai-to-drive-gdp-gains-of-15_7-trillion-with-productivity-personalisation-improvements.html#:~:text=gains%20to%202030-,Global%20GDP%20will%20be%2014%25%20higher%20in%202030%20as%20a,to%20new%20research%20by%20PwC.) to the world's GDP, boosting it by 14 percent.
* There will be more AI assistants than people in this world. Forecasts indicate that there will be [8.4 billion](https://www.statista.com/statistics/973815/worldwide-digital-voice-assistant-in-use/) AI-powered digital voice assistant units in the world by 2024, which surpasses the total global population.

Artificial Intelligence Stats That Matter in 2023

1. Big Companies Will Most Likely Implement an AI Strategy

Artificial Intelligence stats from MIT Sloan show that [75 percent](https://sloanreview.mit.edu/projects/reshaping-business-with-artificial-intelligence/) of top executives believe that AI will allow their organization to grow and achieve a competitive edge.

2. Most Consumers Think That AI Will Improve Their Lives

According to a survey by Strategy Analytics, [41 percent](https://www.strategyanalytics.com/access-services/ux-innovation/user-experience-strategies/reports/report-detail/41-of-consumers-believe-artificial-intelligence-will-make-their-lives-better) of the respondents in India, China, Western Europe, and the United States feel that emerging AI technologies will create a better life for them.

3. A Lot of People Are Unaware That They Use AI Platforms

One of the strange Artificial Intelligence facts is that only [34%](https://www.pega.com/about/news/press-releases/new-research-reveals-deep-confusion-about-artificial-intelligence) of consumers realize that they are directly experiencing AI, according to a study published by Pegasystems Inc. However, when surveyed about technologies they use, it was found that [84%](https://www.pega.com/about/news/press-releases/new-research-reveals-deep-confusion-about-artificial-intelligence) actually use one or more AI-powered devices or services.

4. Almost All Smartphone Users Take Advantage of AI Voice Assistants

According to a study by Creative Strategies, 96 percent of Android consumers and 98 percent of iPhone consumers use Google and Apple’s AI-based digital assistants - ‘OK Google’ and ‘Siri’. The study further highlights that 51 percent of consumers use digital assistants in cars, 39 percent in homes, 6 percent in public places, and 1.3 percent at work.

5. Voice-Search Feature Is Gaining Widespread Popularity

AI-powered voice-search feature on smartphones, smart speakers, and other voice-enabled gadgets is becoming increasingly mainstream, thanks to the technological advancements in the field of speech-recognition. Current Artificial Intelligence stats point out that [41 percent](https://www.dbswebsite.com/blog/trends-in-voice-search/) of people who use smart devices utilize the voice-search feature as often as once a day.

Become a AI & Machine Learning Professional

* $267 billion Expected Global AI Market Value By 2027
* 37.3%Projected CAGR Of The Global AI Market From 2023-2030
* $15.7 trillion Expected Total Contribution Of AI To The Global Economy By 2030

**Artificial Intelligence Engineer**

* + Industry-recognized AI Engineer Master’s certificate from Simplilearn
  + Dedicated live sessions by faculty of industry experts

11 Months months

[**View Program**](javascript:void(0))

**Post Graduate Program in AI and Machine Learning**

* + Program completion certificate from Purdue University and Simplilearn
  + Gain exposure to ChatGPT, OpenAI, Dall-E, Midjourney & other prominent tools

11 months months

[**View Program**](javascript:void(0))

Here's what learners are saying regarding our programs:

Indra Kala Nigam Benowa

Technical Consultant, Land Transport Authority (LTA) Singapore

I completed a Master's Program in Artificial Intelligence Engineer with flying colours from Simplilearn. Thanks to the course teachers and others associated with designing such a wonderful learning experience.

Akili Yang

Personal Financial Consultant, OCBC Bank

The live sessions were quite good; you could ask questions and clear doubts. Also, the self-paced videos can be played conveniently, and any course part can be revisited. The hands-on projects were also perfect for practice; we could use the knowledge we acquired while doing the projects and apply it in real life.

Not sure what you’re looking for? View

6. Asset Maintenance Is at the Forefront of AI Automation

According to Artificial Intelligence stats published in a Capgemini study, the most popular AI use cases in the manufacturing sector include predicting when machines are likely to break down and recommending the best time to perform maintenance. The study shows that nearly [29 percent](https://www.capgemini.com/research/scaling-ai-in-manufacturing-operations/) of AI applications in the manufacturing industry are for keeping production assets up and running.

7. AI Adoption Is Helping Companies Maximize Profits

Paris-based French multinational food corporation, Danone S.A., is implementing Artificial Intelligence to predict and plan the demand for its packaged food products. Forbes [reports](https://www.forbes.com/sites/louiscolumbus/2020/05/18/10-ways-ai-is-improving-manufacturing-in-2020/) that by adopting AI, Danone has been able to reduce its forecast errors by 20 percent and product obsolescence by 30 percent.

8. Top Retailers Aim to Implement AI in 2023 to Facilitate Price Optimization

Aware of the fact that [60 percent](https://www.forbes.com/sites/forbestechcouncil/2019/08/05/how-ai-can-help-with-your-price-optimization/) of consumers choose the best-priced offers, leading retailers are planning to implement AI systems by 2021 to optimize the pricing of their products, according to Artificial Intelligence stats released in a [study](https://www.aiiottalk.com/artificial-intelligence/how-ai-help-retail-industry-price-prediction-and-optimization/) by IBM.

9. Consumers Will Embrace Chatbots for Improved Business Communications

Leading research and advisory firm Gartner, Inc. [predicts](https://www.financedigest.com/ai-will-power-95-of-customer-interactions-by-2025.html) that over the next decade, AI-enabled proactive chatbots will boost customer experience by anticipating the needs of customers and connecting with them at an emotional level. According to Gartner, advanced chatbots will be able to process 95 percent of customer interactions, cutting the human involvement to 5 percent.

10. Chatbots Are Already Gaining Traction

According to a global [survey](https://www.businessinsider.com/chatbots-are-gaining-traction-2017-5?IR=T) by Live Person, 38 percent of the consumers surveyed gave positive feedback regarding their perception of chatbots. While 51 percent of end-users took a neutral stance, the remaining 11 percent voiced negative perspectives.

11. AI Can Boost the Operating Profits of the Automotive Industry

According to Capgemini’s [Accelerating Automotive’s AI Transformation](https://www.capgemini.com/research/accelerating-automotives-ai-transformation/) report, major automakers will be able to increase the operating profits by 16 percent through the deployment of Artificial Intelligence in production facilities and in supply chain operations. Gains will come from reductions in operating costs, including raw materials, lab or, administration, logistics, maintenance, and inspection.

12. By 2030, AI Will Contribute Significantly to the GDPs of World’s Leading Economies

Artificial Intelligence stats published by the [Statista Research Department](https://www.statista.com/statistics/1042325/worldwide-projected-ai-contribution-gdp-by-region/)show that the contribution of AI to China's GDP will be 26.1 percent by 2030, the highest in the world, followed by North America (14.5 percent), and the United Arab Emirates (13.5 percent).

Choose the Right Program

Unlock the potential of AI and ML with Simplilearn's comprehensive programs. Choose the right AI ML program to master cutting-edge technologies and propel your career forward.

|  |  |  |  |
| --- | --- | --- | --- |
| Program Name | [AI Engineer](https://www.simplilearn.com/masters-in-artificial-intelligence?source=GhPreviewCourseTable) | [Post Graduate Program In Artificial Intelligence and Machine Learning](https://www.simplilearn.com/pgp-ai-machine-learning-certification-training-course?source=GhPreviewCourseTable) | [Artificial Intelligence & Machine Learning Bootcamp](https://www.simplilearn.com/ai-machine-learning-bootcamp?source=GhPreviewCourseTable) |
| Geo | All Geos | All Geos | US |
| University | Simplilearn | Purdue | Caltech |
| Course Duration | 11 Months | 11 Months | 6 Months |
| Coding Experience Required | Basic | Basic | Yes |
| Skills You Will Learn | 10+ skills including data structure, data manipulation, NumPy, Scikit-Learn, Tableau and more. | 16+ skills including chatbots, NLP, Python, Kera’s and more. | 12+ skills including Ensemble Learning, Python, Computer Vision, Statistics and more. |
| Additional Benefits | - Get access to exclusive Hackathons, Masterclasses and Ask-Me-Anything sessions by IBM - Applied learning via 3 Capstone and 12 Industry-relevant Projects | Purdue Alumni Association Membership Free IIMJobs Pro-Membership of 6 months Resume Building Assistance | 22 CEU Credits Caltech CTME Circle Membership |
| Cost | $$ | $$$$ | $$$ |

It’s Time to Build a Career in AI: Here’s How to Get Started

The World Economic Forum’s [Future of Jobs Report 2020](https://www.imf.org/external/pubs/ft/fandd/2020/12/WEF-future-of-jobs-report-2020-zahidi.htm) states that by 2025, greater adoption of technology will transform many jobs, tasks, and skills. According to the study, 43% of businesses intend to downsize their workforce as a result of technology integrations. The report also indicates that in 5 years, employers will equally divide tasks between machines and humans, displacing over 85 million jobs.

PwC, the world's second-largest professional services network, [predicts](https://www.pwc.co.uk/economic-services/ukeo/pwcukeo-section-4-automation-march-2017-v2.pdf) that automated operations will jeopardize 38 percent of jobs in the United States by 2030. 35 percent of jobs in Germany, 30 percent of jobs in the United Kingdom, and 21 percent of jobs in Japan are also exposed to high risk because of automation. Along the same lines, Forrester Research [estimates](https://go.forrester.com/press-newsroom/robots-ai-will-replace-7-of-us-jobs-by-2025/) that cognitive technologies, including AI and ML, will replace 16 percent of jobs in the U.S. by 2025.

The data cited above point to the fact that, in this age of disruption, upskilling is mandatory for survival.

If you just graduated, or have expertise in a different field explore the various AI/ML courses that Simplilearn has to offer. For more advanced training, consider pursuing the [Caltech Artificial Intelligence Course](https://www.simplilearn.com/artificial-intelligence-masters-program-training-course?source=GhPreviewCoursePages) to accelerate your career in the booming field of AI.

Become a AI & Machine Learning Professional

* $267 billion Expected Global AI Market Value By 2027
* 37.3%Projected CAGR Of The Global AI Market From 2023-2030
* $15.7 trillion Expected Total Contribution Of AI To The Global Economy By 2030

**Artificial Intelligence Engineer**

* + Industry-recognized AI Engineer Master’s certificate from Simplilearn
  + Dedicated live sessions by faculty of industry experts

11 Months months

[**View Program**](javascript:void(0))

**Post Graduate Program in AI and Machine Learning**

* + Program completion certificate from Purdue University and Simplilearn
  + Gain exposure to ChatGPT, OpenAI, Dall-E, Midjourney & other prominent tools

11 months months

[**View Program**](javascript:void(0))

Here's what learners are saying regarding our programs:

Indra Kala Nigam Benawa

Technical Consultant, Land Transport Authority (LTA) Singapore

I completed a Master's Program in Artificial Intelligence Engineer with flying colors from Simplilearn. Thanks to the course teachers and others associated with designing such a wonderful learning experience.

Akili Yang

Personal Financial Consultant, OCBC Bank

The live sessions were quite good; you could ask questions and clear doubts. Also, the self-paced videos can be played conveniently, and any course part can be revisited. The hands-on projects were also perfect for practice; we could use the knowledge we acquired while doing the projects and apply it in real life.

Not sure what you’re looking for? View

Our AI & ML Courses Duration and Fees

AI & Machine Learning Courses typically range from a few weeks to several months, with fees varying based on program and institution.

| **Program Name** | **Duration** | **Fees** |
| --- | --- | --- |
| [Professional Certificate Course in Generative AI and Machine Learning](https://www.simplilearn.com/iitk-professional-certificate-course-ai-machine-learning?source=CohortTableCTA)  Cohort Starts: 1 Oct, 2024 | 11 months | **₹ 1,53,400** |
| [No Code AI and Machine Learning Specialization](https://www.simplilearn.com/no-code-machine-learning-course?source=CohortTableCTA)  Cohort Starts: 1 Oct, 2024 | 16 weeks | **₹ 1,49,999** |
| [Caltech Post Graduate Program In AI And Machine Learning](https://www.simplilearn.com/artificial-intelligence-masters-program-training-course?source=CohortTableCTA)  Cohort Starts: 7 Oct, 2024 | 11 Months | **₹ 2,35,001** |
| [Post Graduate Program in AI and Machine Learning](https://www.simplilearn.com/pgp-ai-machine-learning-certification-training-course?source=CohortTableCTA)  Cohort Starts: 8 Oct, 2024 | 11 months | **₹ 1,89,999** |
| [Applied AI & Data Science](https://www.simplilearn.com/applied-ai-data-science-course?source=CohortTableCTA)  Cohort Starts: 15 Oct, 2024 | 14 weeks | **₹ 1,35,000** |
| [Professional Certificate Program in Generative AI and Machine Learning](https://www.simplilearn.com/iitg-generative-ai-machine-learning-program?source=CohortTableCTA)  Cohort Starts: 10 Dec, 2024 | 11 months | **₹ 1,34,999** |

Examples like:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mobile | Computer | PS 5 | Tabs, Pads | VR |
| Headphones | Stylus | Mouse | Wi-Fi | Chrome |
| Microsoft | Roblox | Disc | Word 2021 | PowerPoint 2021 |
| Excel 2021 | WhatsApp | Photos | Settings | Spotify |
| Edge | CoPilot | Mail | Microsoft Teams | Microsoft 365(Office) |