



# IBM FUTURE IN AI (MOD1)

Artificial intelligence used to be “the stuff of science fiction.” Today, it’s part of **our daily lives!** As you consider career options, you should also take some time to consider the opportunities offered in the AI field.

Although some people fear that they’ll lose their jobs to AI robots, the “good news” is that there are many more jobs being created as AI technology grows. AI offers a broad field of opportunities, ranging across machine learning, expert systems, data mining, self-driving cars, and more. Here’s a list of some industries that need AI support:

- Financial services
- Healthcare
- Technology
- Media
- Marketing
- Retail
- Government and military
- National security

- Internet of Things (IoT)-enabled systems
- Agriculture
- Gaming
- Weather

The AI field is growing fast!

- **Top-growing profession**

The World Economic Forum (WEF) placed data and artificial intelligence (AI) in the seven top-growing professions in 2020, with a growth rate of 41%. That is the highest growth rate of all the professions mentioned in the report.

– [Jobs of Tomorrow report by WEF](#)

- **270% past growth**

The AI industry, as a whole, grew 270% between 2015 to 2019.

– [Gartner, Inc.](#)

- **33%**

AI is fueled by the need for data scientists and mathematical science professionals. These occupations are expected to grow 33% from 2020 to 2030 in the United States.

– [US Bureau of Labor Statistics](#)

- **Ranked #3 and #6**

Glassdoor compiled a list of the *50 Best Jobs in America for 2022* based on earning potential, job satisfaction, and job openings. AI-related occupations including data scientist and machine learning engineer are ranked #3 and #6.

– [Glassdoor](#)

## What is the future of AI?

AI is being used in more ways every day. Streaming services make recommendations. In-home thermostats learn your preferences about how warm or cold you'd like your various rooms to be. Soon, microwaves will learn how you like to cook your food. AI helps you find hidden knowledge by discovering hidden

patterns in unsorted, difficult to search data, like social media feeds, research publications, and medical records.

Read the opinions of two AI leaders who are preparing their companies for tremendous expansion.

**Jana Eggers, CEO of Nara Logics**

"Companies are now getting more serious about AI delivering results versus 'tests.' The longer-term change in the field will be the widening of the aperture of AI—a longer depth of field into business."

**Source:** Is Artificial Intelligence a Good Career? These AI Professionals Think So, Built In, by Mike Thomas

**Photo:** Courtesy of Nara Logics



**Satya Mallick, founder of Big Vision LLC and Interim CEO of OpenCV.org**

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"AI is a rocket ship that is taking off. Even entry-level jobs are insanely lucrative, paying two times or more compared to regular programming jobs. The reason is a huge demand for AI talent and not enough people with the right expertise. In the long run, these salary levels may not be sustainable, but people who get on this rocket ship in the next five years or so will have amazing careers financially, as well as in terms of the quality of work."

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**Photo:** Courtesy of OpenCV.org

The opportunities available in the AI field can potentially lift you to top markets and income in areas like financial services, weather prediction, healthcare, and advanced robotics. In this course, you will be able to explore some of the job roles that might, with the right education, fit your talents and professional goals. **I've checked it out!**