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From the Orlando Business Journal:

<https://www.bizjournals.com/orlando/news/2018/03/14/inside-the-list-here-are-some-of-the-artificial.html>

Inside The List: Artificial intelligence advances to expect in 2018

🔑 SUBSCRIBER CONTENT: Mar 14, 2018, 12:39pm EDT Updated: Mar 14, 2018, 1:41pm EDT

The idea of artificial intelligence sometimes can create pretty scary thoughts, like the menacing theme music for “The Terminator” movie franchise or the cunning android David from the “Prometheus” and “Alien: Covenant” films.

But in reality, artificial intelligence — better known as AI — is real in everyday life. And it’s here to stay.

AI is the power behind facial recognition on our mobile phones, smart sensors in our cars that beep when other vehicles are in our blind spots and our personal digital assistants, Siri and Alexa, as well as any other item that jumps to action at voice commands.

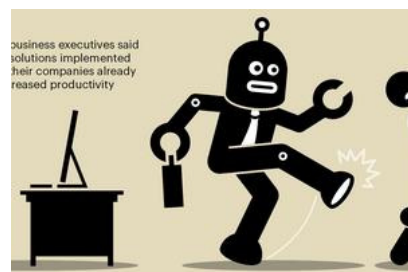
AI also has a bigger presence in the workplace though automation.

That idea sometimes strikes terror into the minds of American workers, not quite to the level of “The Terminator,” but it does produce images of robots replacing humans on the job.

But never fear: The job loss impact is expected to be “relatively modest” over the next two years, with companies realizing they need to change how they work to continue to be successful, according to PricewaterhouseCoopers LLP’s 2018 AI Predictions Report.

The integration of AI will help meet the ever-evolving needs of the global society in areas such as diagnostics in health care; autonomous fleets for ride sharing; more efficient grid operation and energy storage; and better detection of fraud and money-laundering, the report showed.

“A lot of software development currently is focused on AI software, including autonomous agents — also known as bots — that can assist us in performing tasks or even take over them completely,” said [Joshua R. Brown](#), shareholder/registered patent attorney with the Orlando office of Greenberg Traurig LLP. “The complexity of the tasks these bots are assigned has grown from mundane tasks, such as parallel parking, to more complex tasks, such as driving the car in traffic.”



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Here's a closer look at some things the PwC 2018 AI Predictions Report said we can expect in business, government and society as a whole:

AI will impact employers before it impacts employment.

AI will work as a tool to perform repetitive tasks and automating data processes.

AI will help answer the big question about big data.

Functional specialists, not techies, will decide the AI talent race.

Cyberattacks will be more powerful because of AI — but so will cyberdefense.

AI will become more explainable, transparent and provable, letting us understand how it makes decisions and what information it uses to make conclusions.

Nations will spar over AI to claim the biggest slice of the pie as far as usage.

Any AI user must be prepared to adopt principles for responsible use by looking out for bias in data and models, and safeguarding against those attempting to “trick” algorithms.

By the numbers

67% of executives say AI will help humans and machines work together to be stronger using both artificial and human intelligence

59% of executives say AI would improve big data at their companies

67% of jobs requiring data science and analytics skills are in fields other than AI

Where industries will put practical AI to work

AI's impact on industries ranked by its potential to free up time, and enhance quality and personalization:

Health care

Automotive

Financial services

Transportation and logistics

Technology, media and telecommunications

Retail and consumer

Energy

Manufacturing

Source: Pricewaterhousecoopers LLP

How workers think about human-machine AI centaurs

78% Would work with an AI manager to create a balanced workload

65% Would use AI to free employees from menial tasks

64% Would offer employees new work opportunities

50% Would follow an AI system if it predicted the most efficient way to manage a project

Denise Hicks

Research Director

Orlando Business Journal

