Most of your day is probably spent working with a smartphone. From sending emails to watching videos, from searching for work to reading the news, there are so many things that are done with a smartphone that it is almost impossible not to spend time on one of the most important pieces of technology in today's world. For this reason, the only obstacle in the way of artificial intelligence joining smartphones was the issue of time. However, as with any new technology, getting to grips with all its possibilities and greatness can potentially be overwhelming.

?What is artificial intelligence

You can think of artificial intelligence as a technology that can learn, understand, make decisions and make predictions like humans. Also known asAI this technology began as a , branch of computer science, focused on building machines that could do things like play chess or help doctors diagnose disease. But in recent years, the definition of artificial intelligence has expanded to include technologies that can learn, adapt to personal needs, and improve over time. In other words, even the most basic devices are moving towards "smartness".

The most common type of artificial intelligence is **machine learning** or**Machine Learning** It uses algorithms (short programs) to sift data and spot patterns For . example, if you use a photo app likeGoogle Photos the search function will get better at , finding photos of your kids over time as it learns more about your collection.

Artificial intelligence is a broad term, as there are many different types of it. For example: Machine Learning orML is a type of artificial intelligence that uses a computer to learn

from data without specific programming. For example, it can be used to recognize your voice, identify content you might like, or drive a car.

3 Key Artificial Intelligence Statistics You Should Know

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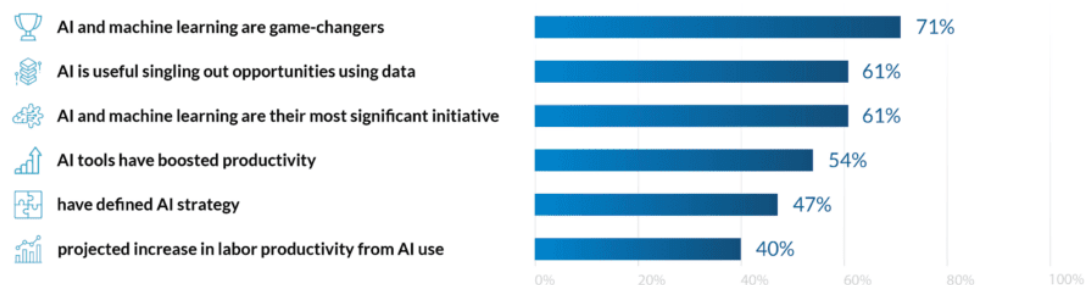
1 Which processes rely heavily on AI?

Source: Statista

Global AI ranked by revenue of use cases:

$8.9 BILLION	$7.6 BILLION	$7.2 BILLION	$6.4 BILLION	$6.0 BILLION	$5.7 BILLION	$5.4 BILLION	$5.4 BILLION	$5.3 BILLION	$5.1 BILLION
vehicular detection and avoidance	static image recognition	processing of patient data	algorithmic trading strategy	localization and mapping	predictive maintenance	cybersecurity and threat prevention	paperwork to digital data conversion	intelligent HR systems	medical image analysis

2 How do organizations and leaders perceive AI?

Sources: MemSQL, Accenture, narrativesscience.com, cmo.com, pwc.com

AI and machine learning are game-changers	71%
AI is useful singling out opportunities using data	61%
AI and machine learning are their most significant initiative	61%
AI tools have boosted productivity	54%
have defined AI strategy	47%
projected increase in labor productivity from AI use	40%

3 What are the top benefits of AI adoption?

Source: The Economist, Forbes, pwc.com, hbr.org

79%	75%	72%	59%
makes work easier and more efficient	allows them to move to new ventures	foolproofs their business for the future	improves use of big data in their organizations

(Image source: **Finances Online**)

?Why is it important

The tech industry and the world rely on AI to solve big problems like cyber security, healthcare, climate change, sustainability in business management, education issues and traffic congestion. Artificial intelligence is also used in many new consumer products. Today, this technology is everywhere. FromGoogle Home's voice recognition , which allows it to understand your requests for information, to Amazon's Alexa, which offers
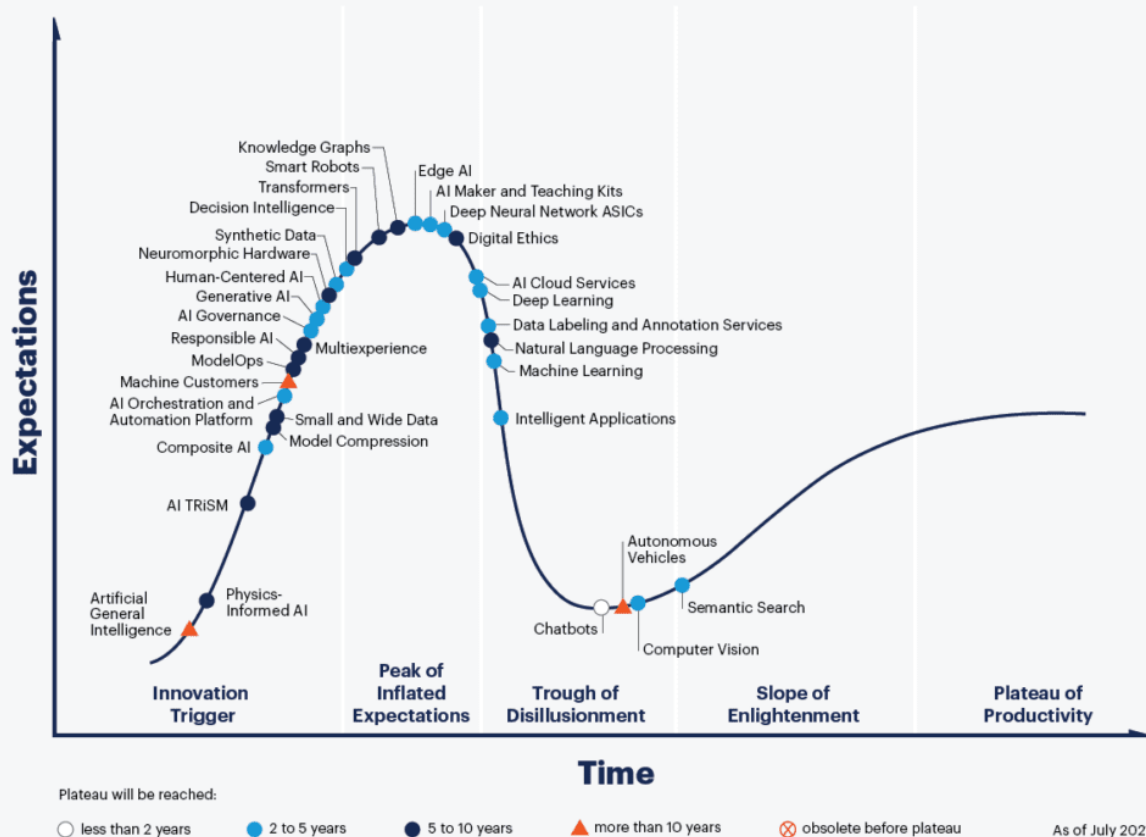
suggestions for watching TV, orUber which recommends that you download its app to ,
get home safely.

The term artificial intelligence is used to describe any software that is capable of learning
 and solving problems like humans, whether it'sSiri's voice recognition orGoogle's
DeepMind to beat the world's best player. In other words, it's about software that uses
data and algorithms to perform tasks that normally require human intelligence, such as
.programming, **speech recognition, etc** or images and even language comprehension.

?How fast is it growing

This technology is growing rapidly. In fact, there are few senior **data engineers** who have
the knowledge and skills to use all this data and algorithms. As a result, there is a great
 demand for hiring senior data engineers in all industries.

(Image source: **Gartner**)

?How will artificial intelligence shape our future

Artificial intelligence can make us more efficient and productive and increase our communication with each other. This is an area of research that is growing at a really fast pace and promises to have a huge impact on the private and public parts of our lives. But what can you do to make progress in this field? Here are five ways artificial intelligence will fundamentally change your life:

-1How ?can artificial intelligence make your phone smarter

Have you ever wondered if the app you installed works as well as it says it does? Try Cortana ,Alexa or ,Google Now . All of these apps use artificial intelligence to **recognize**

people , places, and things so they can find what you might want. You can even ask your phone to do something for you. For exampleSiri can search for nearby restaurants and suggest the closest restaurant that has your favorite food on its menu. AndGoogle Now can tell you which flights are available at the best time.

-2What ?will happen when driverless cars dominate our roads

For artificial intelligence to have more useful applications, it must work in places other than laboratories and computers. One of these places is our cars. It must find its way into our cars. Various types of artificial intelligence systems have been developed to help drivers drive more safely, efficiently and productively. From self-parking cars todriver-assist cars that can recognize when their eyes are closed.

-3How can artificial intelligence help in solving climate change ?problems

In order to reduce carbon emissions, we need technology that can monitor air quality and the amount of water and pollution in our aquifers and rivers. Three places that are very difficult for humans to monitor. This is why artificial intelligence doesn't just exist in science fiction anymore. Rather, it works in laboratories with databases and algorithms that are used to track information related to global water reserves.

-4How does artificial intelligence help us to be more productive at work, do more tasks at home and reduce our ?stress

Researchers are currently trying to create systems that can detect when you are tired or need a break. These systems will automatically adjust your energy level at this time and if they detect that you would be more productive if you were supplemented by a machine, they will also take over some of your tasks.

-5How ?does artificial intelligence help our rebirth

In the coming years, AI algorithms will give us more ways to learn and understand new things. So what next? Who knows what will happen? Maybe one day we can teach machines to learn to make us smarter and more creative.

Amirshayan Jalili
Shayan138190@gmail.com
https://github.com/Amirshayan2002