

ARTIFICIAL INTELLIGENCE



PRESENTED BY
PRASANNA



Artificial Intelligence

Creating the Future

WHY IS ARTIFICIAL INTELLIGENCE IS IMPORTANT ?

Artificial intelligence forms the basis for all computer learning and is the future of all complex decision making. ... AI (and its logical evolution of machine learning) and deep learning are the foundational future of business decision making.

- The importance of artificial intelligence and its subsequent components have been known for quite a long time now. They are being looked upon as tools and techniques to make this world a better place. And it's just not that you have to go to these fancy tech gadgets to be able to use them. You can simply look around, and I am sure most of your tasks are made smooth by artificial intelligence.
- Its importance lies in making our lives easier. These technologies are a great asset to humans and are programmed to reduce the human effort as much as possible. They tend to possess the capability to work in an automated fashion. Therefore, manual intervention is the last thing that could be asked for or seen while operating parts associated with this technology.



USES OF ARTIFICIAL INTELLIGENCE

•The artificial intelligence has made a phenomenal impact in the medical industry and therefore changes the medical industry's face. There have been various machine learning algorithms and models working efficiently to predict various critical use cases such as determining whether a particular patient has malignant or benign cancer or tumor based on the symptoms and the health records and history. It is also being used in future predictions where the patients are being told well about their deteriorating health and the preventions they should take to get back to a normal and healthy life.

Uses of
Artificial
Intelligence



APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN DAILY LIFE

Online shopping and advertising

Artificial intelligence is widely used to provide personalised recommendations to people, based for example on their previous searches and purchases or other online behaviour. AI is hugely important in commerce: optimising products, planning inventory, logistics etc.



Digital personal assistants

Smartphones use AI to provide services that are as relevant and personalised as possible. Virtual assistants answering questions, providing recommendations and helping organise daily routines have become ubiquitous.



MACHINE TRANSLATIONS

LANGUAGE TRANSLATION SOFTWARE, EITHER BASED ON WRITTEN OR SPOKEN TEXT, RELIES ON ARTIFICIAL INTELLIGENCE TO PROVIDE AND IMPROVE TRANSLATIONS. THIS ALSO APPLIES TO FUNCTIONS SUCH AS AUTOMATED SUBTITLING.



Benefits of Artificial Intelligence

Can work in uninterrupted manner

Better decision
making

Handle complexities

Less scope
for errors

Optimum
utilization
of resources



ADVANTAGES OF ARTIFICIAL INTELLIGENCE

- *AI drives down the time taken to perform a task. It enables multi-tasking and eases the workload for existing resources.*
- *AI enables the execution of hitherto complex tasks without significant cost outlays.*
- *AI operates 24x7 without interruption or breaks and has no downtime*
- *AI augments the capabilities of differently abled individuals*
- *AI has mass market potential, it can be deployed across industries.*
- *AI facilitates decision-making by making the process faster and smarter.*



Disadvantages of AI
Mixing & Mastering

Disadvantages of AI

High Costs of Creation: As AI is updating every day the hardware and software need to get updated with time to meet the latest requirements. ...

Making Humans Lazy: AI is making humans lazy with its applications automating the majority of the work. ...

Unemployment: ...

No Emotions: ...

Lacking Out of Box Thinking

CONCLUSION

CONCLUSION. **Artificial Intelligence** and **Machine Learning** are products of both science and myth. The idea that machines could think and perform tasks just as humans do is thousands of years old. The cognitive truths expressed in **AI** and **Machine Learning** systems are not new either.



**Thank
You!!!**