Content Writing Sample

Hello Amigos!!
wondering what is AI?
If the answer is yes, you've come to the right place
here's what you all need to know about AI .
What are you waiting for ?
Scroll down and have fun learning.

Artificial Intelligence

What is Artificial Intelligence?

Definition: Artificial Intellegence(AI) is the simulation of human intelligence to be more precise it is the development of intelligent machines that are programed to think like humans and mimic their actions.

Machines that mimic cognitive functions such as learning,reacting and problem solving that associates with the human mind.

AI Examples:

- **Smart assistants (Siri and Alexa)**
- **Spam filters on emain**
- **Song or TV show recommendations from spotify,Netflix etc**

==**Are artificial intelligence and machine learning the same?**==

The answer is NO.
Machine learning is a subset of AI
Artificial Intelligence and machine learning are not same. While machine learning is based on the idea that machines should be able to learn and adapt through experience, AI refers to a broader idea where machines can execute tasks "smartly." Artificial Intelligence applies machine learning, deep learning and other techniques to solve actual problems.Machine learning helps a computer to achieve artificial intelligence.

==**Types of AI?**==

==**There are 3 types of artificial intelligence (AI):**==

- ==**Artificial Narrow Intelligence (ANI) / Weak AI / Narrow AI**==**: which has got a narrow range of abilities,Sometimes referred to as "Weak AI," this kind of artificial intelligence operates within a limited context and is a simulation of human intelligence. Narrow AI is often focused on performing a single task extremely well and while these machines may seem intelligent, they are**

operating under far more constraints and limitations than even the most basic human intelligence

Google search
Email spam filters
Self-Driving cars

- **Artificial General Intelligence (AGI) / Strong AI / Deep AI**: which is equal to human capabilities.AGI, sometimes referred to as "Strong AI," is the kind of artificial intelligence we see in the movies, like the robots from *Westworld* or Data from *Star Trek: The Next Generation*. AGI is a machine with general intelligence and, much like a human being, it can apply that intelligence to solve any problem

Examples:
visual perception
speech recognition
Decision making

- **Artificial Superintelligence (ASI)**:which is more capable than a human.Artificial super intelligence (ASI), is the hypothetical AI that doesn't just mimic or understand human intelligence and behaviour; ASI is where machines become self-aware and surpass the capacity of human intelligence and ability

Examples:

emulated human mind run on much faster hardwarethan the brain.

How AI works?

AI works by combining large amounts of data with fast, iterative processing and intelligent algorithms, allowing the software to learn automatically from patterns or features in the data. ... Cognitive computing is a subfield of AI that strives for a natural, human-like interaction with machines.

Why is AI needed?

Artificial Intelligence is the simulation of the human process by machines (computer systems). These processes include the learning, reasoning, and self-correction. We need Artificial Intelligence (AI) because the work that we need to do is increasing day-to-day

IS AI the Future?

Artificial intelligence is impacting the future of virtually every industry and every human being. Artificial intelligence has acted as the main driver of emerging technologies like big data, robotics and IoT, and it will continue to act as a technological innovator for the foreseeable future.

Where is AI used Today?

Virtual Assistant or Chatbots. Agriculture and Farming. Autonomous Flying. Retail, Shopping and Fashion

Is AI a good option for career?
As the possible applications of AI continue to increase, so does the positive career potential for those with the skills needed to thrive in this industry. The World Economic Forum's "The Future of Jobs 2018" report predicts that there will be 58 million new jobs in artificial intelligence by 2022

Career opportunities in Artificial intelligence:

- **Big Data Engineer**
- **Business Intelligence Developer**
- **Data Scientist**
- **Machine Learning Engineer**
- **Research Scientist**
- **AI Data Analyst**
- **AI Engineer**
- **Robotics Scientist**

Top Comanies that make use of AI:

- **Amazon**
- **Apple**
- **Google**
- **Facebook**
- **DJI**
- **Anki**
- **Clarifai**
- **Deepmind**
- **Casetext**

- **DataVisor**

- **Healthcare: Proper diagnosis and treatment are facilitated by introducing AI in healthcare.**
- **Education: A suitable learning environment is furnished to the students by utilizing AI.**
- **Sports: With advanced AI technologies, athletes can expand their capabilities.**
- **Agriculture: Maximum yield is possible by AI as it helps in developing the perfect farming environment.**
- **Construction: Buildings can be constructed more safely and efficiently by the incorporation of AI.**
- **Banking: Chat-bot assistance, fraud detection, and enhanced payment methods are some of the positive outcomes of AI.**
- **Marketing: The sales target can be effectively achieved by making use of predictive intelligence along with machine learning.**
- **E-commerce: Effective warehouse operations, good product recommendations, and fraud prevention are some of the fruits of AI.**

Future of AI

> **According to the [Gartner report](#) of 2019, there has been a 270% growth in the applications of AI from 2015 – 2019. Thus, the importance of AI is bound to climb high in the future. AI career opportunities are drastically reaching great heights.**

If you want to switch to AI, you should not hesitate and try your hands on it. Moreover, roles associated with AI also pay quite high.

Hope you got the better understanding of AI let me know in the Review section if there is anything to be added.

THANK YOU.