

TOMORROWS' WORLD - AI

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What is Artificial Intelligence

[1] Artificial intelligence is study of machines and making brilliant machines and by the form of computer languages. It makes our work easier and faster and it also does not restrict the methods that are observed biologically. [2] Understanding the problem analyzing the problem and solving it in easier steps and making work simpler, solving complexed programs with logical understanding or logical approach these all comes under artificial intelligence.

History of Artificial Intelligence

[3] In the history at the beginnings of the AI it is traced to convictions, friction and imaginativeness. In most of the earlier inventions there is the involvement of artificial intelligence in the understanding program languages, it is used for the translation, it helped in learning the basic things such as knowledge representation, conclusion reached on the basis of evidence and reasoning in such a way it became a keystone in earlier times. [4] Artificial intelligence was familiar to everyone in 1950, there are several drawbacks and in earlier in extensive acceptance exercise to medicine. All the limitations are cleared and modified by the advert of learning. Now after so many changes taking place AI is capable to do many things such as over look the algorithms and learning by self. AI is then used in the medical practice even though it is risk, but it is helpful to make work more efficient and faster.

Growth of AI

[5] Artificial intelligence created huge impact on economic growth. Artificial intelligence has the capability to emulate or copy like human behavior; it is able to achieve huge range of achievements. With the help of the AI, we can do the n number of tasks at a time which cannot be performed by the human so we can do increase in number of tasks which is not possible before AI, because multi-tasking cannot be performed by the human labor. Artificial intelligence can be developed in any kind of ordinary production goods also. Now a day's everything became automated with AI, it created growth on income share and gave an opportunity to come up with new ideas and implement them, it is also helped in solving and analyzing the problems. Artificial intelligence became a fast self-improving that unbound economic growth. [6] The growth of AI in health care is dramatically as an individual who creates a business offer solutions that may change how to protect from different kinds of health regarding issues likes diagnose and helps to cure from the problem .From this article we came to know that examination of AI in medical health care beginners and found appear or come out with different business model which helps to bring Artificial intelligence know all over the world and bring to the public.AI in a medical care trying to bring out business models into all AI medical care beginners.

AI in Health Care Appliances

[7] The most important uses of Artificial intelligence in medical is data segregating also keeping everything in a order by arranging it and tracing them .It is the initial step of stating the change in

health care systems, recently AI got a privilege of storing the statistics of medical reports. It is a fantastic health services. The one of the prime step in health we segregate all the important data ,reports when we make it with the help of Artificial intelligence it become easier to order them automatically with the help of the robot instead of human even work will done more faster. [8] Artificial intelligence is used in taking care of elder's health with the help of technology, there are times we always may not be with them and they require help from ours we can get to know their situation and proctoring them with the help of the machine, it is very helpful for ous in this generation in these busy life's this helps to ous to give a relation on our parents help. Even we got monitoring beds for the elders which them to not fall from their bed or maintain a position for sleep without moving and gives a relaxed sleep for them .Now a day's more and more inventions coming in Artificial intelligence we got speech recogniser it recognizes our words understand the human commands and perform them as per what we said these work with the help of the artificial intelligence and also with the help of internet of things also, so many appliances are controlled by artificial intelligence now a day's fans, TV and emergency warning alarm and all. [9] Artificial intelligence is used for psychological or mental condition it is used in diabetes it is used for facial recognition it helps to identify the face of the patient and helps to get his data of previous medication and condition of the student. It is also helpful in gathering sorting or segregation the patient's photo, id, details and previous visits details, their x rays, scanning, medication and all. It helps the work to make easier with machine that a human spends so much time with help of machine it is done faster and more efficient than human.

Manufacturing and Production in Artificial Intelligence

[10] Manufacturing and production of Artificial intelligence is rapidly increasing rapidly with lot of new batches of products are coming to satisfy the costumer better. Suppose for a factory we require lot of humans for making, packing and segregation of things but now they are making simpler with Artificial intelligence with the help of multi-tasking machines, some more automatic robots and machines burden of work is reduced. A new generation machines are done by collaboration and more service models which helps to customize our own model for our own way of work. By teaching them way of packing, way of arranging, and all. [11] AI created a great sensation such a way that each and everyone by knowing or unknowingly involved with Artificial intelligence, it is involved in each and every aspect from toys to mobiles. Even in small exciting automatic toys there is an Artificial Intelligence. By making intelligent and customizable machines and providing the product to the costumer, [12] when there is a continuous development of in science and technology in our day to day life ,It is difficult to live without AI in our life .With all these AI machines our life became easier than before to do our daily works .The ability of a computer machine to operate or access and process information like human beings is called as Artificial intelligence. We analyzed a vast development in the' internet plus AI' now a day's which can change, model, process of a system.

AI in Security and Surveillance

[13] Government is trying to bring Artificial Intelligence surveillance techniques global wide trying to bring into effective action specific policy .Government decided to bring smart city and smart world by making the works digitalized like face reorganization which helps to recognize the employee as ID, And smart policing by alert, accountable, reliable and responsible, The reason

behind smart policing is finding the persons criminal history for finding more details about the victim, crimes that are done by him ,no of times get caught and arrested these all comes under smart policing. [14] Due to the huge development of Artificial intelligence it is being taken by different countries they are trying to adopt it to their culture to artificial intelligence from mankind. By the decision of corporate AI is coming into their action, AI arm-controlled robots can perform all the actions what a human can do in his life due to the higher security problems arising these arm-controlled robots are used. Not only that now a day's Artificial Intelligence came into military also, government are very particular about military so they wanted to make costly robot which is arm controlled and perform all actions that a human does, this decreases risk of the country. [15] During the COVID-19 pandemic situation Artificial intelligence came out with their new developments with tractile development which depends on 5G, they tried to control the covid internationally with the help of this, 5G increases speeds by up to ten times that of 4G, where as mobile edge computing reduces latency by bringing computer capability into the network, closer to the end user, AI I taught of training the models about covid treatment to decrease to death rate of covid. But there are two disadvantages sue to this situation of covid is keep on changing rapidly so we require to train them accordingly, training in a very short time is very difficult. But it was implemented in some aspects such as monitoring or maintaining the personal check of the social distancing, checking the temperature and even in different scanning's and x rays.

Artificial Intelligence in Education

[16] AIED means Artificial Intelligence in Education, AIED can provide learning opportunities today and in the future. With the goal of increasing everyone's learning and life outcomes. Throughout, we've taken the approach of starting with teaching and education. And then describe how effectively designed and are implemented. Although a few would possibly discover the idea of AIED alienating, the algorithms and fashions that include AIED shape the foundation of an basically human endeavor. AIED gives the opportunity of studying this is greater personalized, flexible, inclusive, and engaging. [17] The Student is asked to clear up some of troubles and to enter intermediate hassle fixing steps. The tutoring machine compares the hassle-fixing route accordingly generated to a really perfect route - primarily based totally on professional performance. In general, maximum ITS structures cope properly with conditions where the student's solution differs from that of the professional model. If a remediation flow is needed, this takes the shape of a proof of what step the professional proposes and why that is taken into consideration the proper step to take. [18] Artificial Intelligence has created a huge impact in the education. In some cases it is better than teachers what they teach us .It helps to manage a class better than what a teacher can do with the most appropriate answers in the simplest steps And also with the minimalistic steps with the advanced learning with most intelligent tutorials .Artificial Intelligence for the best efforts of teaching and most experienced and effective teaching.

Advantages of Artificial Intelligence

[19] In case of decision making Artificial Intelligence based on the facts whereas decision making other than Artificial Intelligence or human decision have some impact on the emotion and human feelings ,so Artificial Intelligence helps better in the decision making than that of human decision without any impact. And in so many other aspects also Artificial intelligence helps far better as machine need not sleep, whereas human need to sleep and rest due to the stress, restlessness, and

tiredness due to the work .Where without all these also a machine can work efficiently. [20] Artificial intelligence (AI) packages are used to simulate human intelligence for both fixing a trouble and creating a selection. AI offers the benefits of permanency, reliability, and value-effectiveness at the same time as additionally addressing uncertainty and pace in both fixing a trouble or accomplishing a selection. AI is rigorous use within side the Internet together with in seek engines. [21] Natural language process this means a way it acts as a translator One of computer science's long-standing ambitions is to train computers to understand our language. Natural language is the next generation of computer language. Scientists working on Artificial Intelligence have succeeded in creating Natural Intelligence. To a considerable extent, the language interface relies on a limited vocabulary and syntax. Language in Its Natural Setting. Processing enables a computer to comprehend the key linguistic concepts contained within a query or statement. Its mission is to create and build computers that analyse, comprehend, and generate information. In this case Artificial Intelligence helps to convey the human needs better by understanding the way we act and the language we speak. [22] Machine learning has demonstrated its ability to detect and diagnose issues in building energy systems. This summary was collected or analyzed from last two decades. Summarizing the qualities and weaknesses of existing artificial intelligence-based methods and identifying the most important future research tasks. First, the difficulties in creating FDD approaches for building energy systems are explored. After that, a thorough literature study is conducted. All methods are divided into two categories: data-driven and knowledge-based. There are many data-driven methodologies, such as classification-based, unstructured learning-based, and regression-based. They demonstrated a strong ability to learn patterns from training data. However, they require a considerable quantity of training data and have reliability and robustness issues. [23] The advantage of Artificial Intelligence in Fashion. In recent times it was introduced to the fashion now a day's Firms, particularly fashion companies, are confronted with a new interaction between consumers, suppliers, and rivals as the big data era unfolds. Fashion companies must also manage a variety of data with numerous and complicated linkages and dependencies, as well as human factor uncertainties. It is critical for businesses to master these data flows in order to make better decisions. Artificial intelligence techniques are very effective in such scenarios. Artificial intelligence's possible uses in the fashion sector range from design support systems to fashion recommendation systems, as well as sensory evaluation and intelligent suggestion systems.

Disadvantages of Artificial Intelligence

[24] Artificial Intelligence have a chance of creating destruction if it is misused or if it is kept in the wrong hands ,So we need to properly utilize it in a proper way without misusing it. Responses are lacking in creativity and logical solving. Sometimes it is unable explain logic behind. Currently, AI development is reached a point where it can no longer be used. Currently, AI development is reached a point where it can no longer be used. When there isn't a solution to a problem, you'll be able to tell. Any malfunctioning on the AI's part could result in it creating, incorrect solutions, and since it is unable to describe the Blind reliance on AI can be dangerous since it lacks the thinking behind its answer. Common sense plays a key role in solving a problem in some questions. Artificial Intelligence doesn't have common sense so it is not able to solve major problem. If given the opportunity, it can be used to create massive destruction, [25] if it falls into the wrong hands in wrong hands it will be misused and cause as a disadvantage .It causes unemployment because due to this work is becoming similar with help of machines and decreasing man power so that it causes

unemployment. And affects a Human life due to unemployment. Creativity is more in programming than a human thinking. In that case also a programming is more efficient than human work. Some time it is able to be misused main to mass scale ruin, Unemployment trouble increased, Creativity is depend on programmer, Lacks the human touch, Younger era turns into lazy. [26] This artificial Intelligence making youth unemployed and making them lazy due to less jobs it is creating less interest towards job. Require time and money, we need to invest so much money on creating machines and buying huge machines. Apparatus and equipments to make machines are expensive. Tons of amounts to create a successful machine Robotic restore can arise to cut back time and people trying to restore it, however that'll price extra cash and resources. Robots, with them changing jobs, can purpose extreme unemployment, until if people can restore the unemployment with jobs AI cannot do or significantly extrade the government to communism. Machines can, without difficulty purpose destruction, if placed in the wrong hands. That is, not less than a worry of the numerous people. As AI is changing the bulk of the repetitive obligations and different works with robots, human interference is turning into much less which can also additionally purpose a sizable hassle in the usage standards. Every employer is trying to alternate the minimal certified people with AI robots which can also additionally do comparable paintings with more efficiency. [27] Lot of data is required for creating an AI for making it properly and accurately so it's time consuming and costs a lot of money. Due to huge growth in AI some companies are trying replace their jobs with AI robots this can lead to huge unemployment which may put pressure on countries economy. AI machines can cause a lot of destruction, if put within incorrect hands, nowadays some countries trying to implement AI into nuclear weapons so that they can track enemy with high resolution camera and it can hit enemy accurately even if the enemy is moving this may cause lot of destruction. Machines can't develop bond which is very important during a team management. Machines can only perform the task which they designed or programmed for we a machine cross the boundaries of the program it may crash or it may give irrelevant output which may cause a backdrop.] Unlike humans Artificial Intelligence only works on logic and program so it lacks in creativity. Artificial Intelligence can't explain the reasoning and logic behind certain decisions, Artificial Intelligence always can't be perfect it may have errors that can lead to malfunctioning of the system. [13] Another major problems of Artificial Intelligence programs is that if it has bugs it may lead to crashing of the system this causes loss important data, every machine can't be perfect some may have bugs in it and it AI cant correct itself this should be solved in supervision of an AI engineer who cost lot of charges for solving the bug this can be more time consuming. Artificial Intelligence can turn into threat if it falls to wrong hands which may cause large scale destruction. AI has no emotion and it only works on logic and program it doesn't know what is right or what is wrong it just follows the program and the task it's made for so There is a fear that if AI robot are weaponries' then they may cause large destruction, So if AI falls in wrong hand he may order it to do wrong things like robbing etc. this could be a threat to the society.

Conclusion

My opinion on Artificial Intelligence is there are both Advantages and Disadvantages in Artificial Intelligence, But there are more advantages in artificial intelligence as compared to disadvantages, In my opinion according to paper the only main disadvantage of artificial intelligence is it should not get into wrong hands ,until unless it gets into wrong hands all works can be done in an efficient manner and It maintained a active role in the health decisions eg during the covid times and all,

during social distancing etc. It maintained key role even in army at a point of time, the whole world became smart world due to AI with the new technologies all devices became voice control and device controlled even fans, light and all also became very modern due to Artificial Intelligence. It created immense effect on education as the teaching became easier with AI able to monitor huge members at a time, able to explain the correct logic behind . As it does not need sleep, rest, food it works more orderly.

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