

Importance of Artificial Intelligence in Education

Dr. Sonia Rani, Principal, Saraswati College of Education

Abstract

Artificial Intelligence is a one types of machine learning which modified according to mental process as like the Human being. Today this is very importance in this 21st century Modern era. Because Intelligence might be defined as the ability to learn and perform Suitable techniques to solve problems and achieve goals, appropriate to the context in an Uncertain, ever varying world. A fully pre-programmed factory robot is flexible, accurate and Consistent but not intelligent. Autonomous systems can independently plan and decide sequences of steps to achieve a specified goal without micro-management. Human-Centered Artificial Intelligence is AI that seeks to augment the abilities of, address the societal needs and draw inspiration from human beings. It researches and builds effective partners and tools for people, such as a robot helper and companion for the learning in education points of views. When we talk about the importance in education sector, its play different ways as mental, social and technical in the education sector. So researcher, want to know about the importance of AI in education in different way such as technical, social and mental process.

Key words: Artificial, Intelligence, social, Technical, Importance

Introduction: Artificial Intelligence (AI) has been studied for decades and is still one of the most elusive subjects in Computer Science. AI ranges from machines truly capable of thinking to search algorithms used to play board games. It has applications in nearly every way we use computers in society. Artificial Intelligence (AI) is poised to disrupt our world. With intelligent machines enabling high-level cognitive processes like thinking, perceiving, learning, problem solving and decision making, coupled with advances in data collection and aggregation, analytics and computer processing power, AI presents opportunities to complement and supplement human intelligence and enrich the way people live and work. This paper is about examining the history of artificial intelligence from theory to practice and from its rise to fall, highlighting a few major themes and advances and disadvantage related to Literature Reviews. **Jatin Borana** write a article on the topic of application of artificial intelligence associating teachings in March 2016. Aadesh paper talked about the meaning of artificial intelligent intelligence in different prospective he has explain about the strength and weakness of artificial intelligence in different perspective they have also explain about the artificial intelligence in 3 level such as cognitive science applications robotics applications and natural interface application. They have much more explain about in detail of artificial intelligence area such as logic programming reinforcement exports system swarming intelligence cognitive science and so on they have also describe about the advantages and disadvantages of artificial intelligence in detail such as decisions are based on facts rather than emotions easier spreading of knowledge when we talk about the negative perspective as like lack of creativity in responses. Black cock common sense in reasoning can also cause major problems human thinking in different perspective but machine think only one perspective. In conclusion point of view they have described about the benefit of the artificial intelligence flexible and powerful in modern useful techniques we can apply in daily life they have said about the goal of artificial intelligence to create computers for social development.

2. Dibbyo Saha student of computer science Ryerson University (2010) has been published Article and the topic of every introduction to Artificial intelligence. They said about what is a artificial intelligent and how it is going to save the future they has explained in detail based artificial intelligence as like meaning of AI after that explain about the artificial intelligence versus traditional robotics then explain about the brief history of artificial intelligence from 1950 to post modern era in details. Elon Musk and some others founded open artificial intelligent in 2015 . He has compared between artificial intelligence versus machinery versus deep learning such as a reinforcement learning clustering learning and an supervised lettering

diamonds dimension deductions another surprise learning such as classification and regression. They have explain about the AI work today in different section such as computer machine learning communication and smart personal assistant like apples Siri and Amazon Alexa people also interacted with this types of devices to common use in the society. They have also not emphasis on concern about the official intelligence in this regards is intelligence is favour of losing jobs around the World the idea that depend can be used to search and targeted on with preprogram structures and miss you they also more describe about the artificial intelligence and the features advanced computer devices and updated internet connected connection more use in different field such as biotechnology finance cybercrime gaming education agriculture transportation etc also describe about the new opportunities in new business and are beginning treated so new jobs many existing jobs are coming in different field. So in conclusion artificial intelligence is recent time grade dominated and much more explorations in new dimension in the world he also emphasized about the development of new technology with changing society in new perspective ways.

3. Stuart J. Russell and Peter Norving, Write a book on Artificial intelligence

a modern approach third edition (2010) He has talked about the deficient intelligence in their book more explanation about the artificial intelligence history of artificial intelligence. History of artificial intelligence different environment agents such as agents and environment could behavior the concept of rationally the nature of the environment structure of the agents problem solving beyond class classical search etc are very interesting and knowledgeable for social development constructed satisfactions problems defining constraint satisfactions problems they also top about the knowledge reasoning and planning logical agents planning acting in the real world. Knowledge representation on Saturn knowledge and reasoning quantifying uncertainty.

Just talk about the learning platform for the artificial intelligence different structure and agencive level important role for this time this works there is strength and weakness positive and negative effects they have solved in their books so this book is a very important for enhance about the knowledge of artificial intelligence.

4. Artificial intelligence definitions written by professor Christopher manning September 2020. They have described about the human learning capacity ability to learn and perform suitable techniques to solve problems and achieve goals. They have explained related to their functions autonomous system deep learning machine learning surprise learning related to enforcement learning lesson gents social development. Then he then explain about the human centre artificial intelligence they talk about the social needs and inspirational for the human beings.

5. Introduction to artificial intelligence compiled by Howie Bomb, They have explain about the artificial intelligence system under group of sub categories such as learns from experience use of the learning to reason recognize images solved complex problem understanding about the language and creative perspective in different perspective. They have explain about the how are human intelligence the emphasize on the behalf of learning reasoning problem solving and creativity social behavior experience in our environment with our senses like hearing side touch test smelling he also imposed about machines are the better than human in different perspective like environment machine side machine input device component and machine CPU component like a speed and power sensor detection outside human range to teen work completions short term memory storage and sim then he was explaining about human are better than machine in sensory ability to improvise judgments selection recall and inductive reasoning.

After that explain in his book environment perspective in human sensory component human cognitive component and human muscle located component he explain about the problem solving planning and search the knowledge representation automatic reasoning and machine learning natural learning processing computer perception.

6. Intelligence and its scope in different areas with special to the field of education written by Mudit Verma published search paper in international channel of advanced educational research volume 3 in January 2018. He has described about the meaning of artificial intelligence in different perspective than he has explained about the scope of artificial intelligence in different area fill means automated greeting for all kinds of MCQ and fill in the blanks etc. Educational software can be adapted to students needs artificial intelligence driver programs can give students and educators helpful for feedbacks. Trial and running intimidating altering how we find and interact with information. It could change the role of teachers because of new technology in the form of intelligence computer system computer data. Data collection and data analysis powered by the artificial intelligence sequence based results data interpretation.

Student's artificial intelligence may change where students learn who teach them and how they requires skills. Game learning child canter learning mobile learning, For entertainment and last phone in emergencies as like fire food then it's helps for the society be dislike about entertainment in funny music playing learning sound and story waste learning robots can also create favorite song such as Michael Jackson's and providing services to customers will handling accounts information calculation error but machines calculation with natural language and provide direct service to the communicators problem solving language understanding system.

Learning and adaptive system problem solving robots exploration transportation navigation industrial auto mission process control assembly task executive task security others agriculture facing mining citations constructions lettering so we can see that this is very important for new technology with artificial intelligence. So in concluding point of views say that artificial intelligence play an wear in every field especially in the education sector and it may be changed in society to develop new technology and new way of life for updated technology by the human being in our society.

8. Artificial intelligence, Intelligent system (2015) Tutorial Point

This book so about what is the meaning of artificial intelligence their philosophy of Artificial intelligence and what is he come there goals for Artificial intelligence what is contributions in social sector economic and cultural dance formation according to time programming without and with artificial intelligence in detail so many application in different types and different techniques apply India techniques and also they have programming without and with artificial intelligence what is artificial intelligence techniques application and history of artificial intelligence what is a difference between human and machine intelligence research area of artificial intelligence as real life applications of research area task classification of artificial intelligence. Agents and environments what are agents and environment agents terminology personality what is the real rational agents the structure of intelligence agents teenager of environments properties of environments etc. Popular search Telugu rhythms single agents with findings problem search terminology robot for search strategies informed search strategies local search algorithms. Logic systems by furious logic implementing the system physiological system and architectures examples of a Fuji logic system applications area of eagers advantage of physic system in the machine Natural language processing compounds of Natural language processing to faculties in their Natural language processing Natural language processing step by step and implementation specs of system scientific analysis. Expert systems they have define about the capability of X-Ray expert systems compounds of the egg expert system knowledge basis in friends engines used interface expert system limitations application of expert system expert system technology development of export systems general steps benefit of the expert system in detail with Indian books. Then describe about the robotics what is robotics difference in robotic system and other artificial program robots DoCoMo motion component of the robot computer vision task of computer season application domains of

computer application of robotics. What are the artificial neural works basic structures of neural work type of artificial neural work networks working of neural machine learning application of the noodle works and some issue related to artificial Intelligence as human or as a machine related then artificial intelligence terminologist in different sectors. In this books over all view of parties intelligence in artificial intelligence so emphasize in detail base in this books so we can say that is very important to use as a machine made techniques as a robotic system as a technology is updating according to time in the entire world so this is a practical way of working in machine by the machine or 40 machine in this sector so we can apply for the human beings so this is a very is so related to machine work their mind there faithfulness and their grouping there characters based on their human mind technology sector but this is feasible in the society and develop for the society.

9. Author Philip Boucher Intelligence how does it work why does it matter and what can we do about it? June (2020) Intelligence how does it work, why does it matter, can we do about it? In this person they have described about the what is artificial intelligence in details based and how does it work as like first wear symbolic artificial intelligence after that second wave machine learning and data driven artificial intelligence after that speculative future waves towards artificial super intelligence and after that why does it matter so in this eyes about the current opportunities and challenges and speculative opportunities and changes about the what can we do about it regulatory and economic options and technology development and application options and social and ethics options in this regard writer has explained about the social change with technology for the technology is or by the technology is this worldwide and their so many steps explaining about the structures agenda's policy is ethics social norms effected as a positive negative animals or environment affected to this types of technology is easy so it is very important to explain about the social ethics and their norms for each country from social economic technology cultural and language basis very important to understand from the social organization political and cultural context.

Conclusion point of view we can say that this is very important to update according to time with technology. Today's time is machine learning so in this context technology change to society and society change to technology? It is part of one coin of two parts. In this reviews we can say that this is very impotence to update according to time in education. Today we are using smart phone for learning, mobile learning, smart board with internet connection. We use story telling methods online and offline classes. That reason we can say that this is social perspective change with machine learning. It is very helpful in calculation, data analyses, result making, aqua racy, interpretation and finding the results. Machine learning and human mind creative work today's most important for social change. We can say that this positive and negative perspective effects on our society. There different perspective of work in this field. Natural language processing compounds of Natural language processing to faculties in their Natural language processing Natural language processing step by step and implementation specs of system scientific analysis. Logic systems by furious logic implementing the system physiological system and architectures examples of a Fuji logic system. Student's artificial intelligence may change where students learn who teach them and how they requires skills. Game learning child canter learning mobile learning, For entertainment and last phone in emergencies as like fire, food then it's helps for the society be dislike about entertainment in funny music playing learning sound and story waste learning robots can also create favorite song such as Michael Jackson's and providing services to customers will handling accounts information calculation error but machines calculation with natural language and provide direct service to the communicators problem solving language understanding system etc. so it is very important for the development of the society according to time.

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