Global Science Research Journals

Global Educational Journal of Library and Information Science

Extended Abstract OpenAccess

ARTIFICIAL INTELLIGENCE: THE SINGLE MOST IMPORTANT TOOL HUMANITY HAS CONCEIVED

Kelvin Ogba Dafiaghor

Artificial Intelligence Hub, Effurun, Delta State,Nigeria

Abstract

Artificial Intelligence is the development of computer systems to be able to perform task normally requiring human intelligence. Examples are visual perception, speech recognition, decision-making and translation between languages etc. According to techopedia.com Artificial intelligence is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans. Artificial intelligence is the technology that drives most modern technology from self driving cars to even our snap chart filter.

According to Andrew Ng, an authority in the field of artificial intelligence, he said just as electricity transformed almost everything 100 years ago, we have seen so far that AI will transform our industry in the next several years. AI already powers our home i.e. smart homes, our phone cameras, driverless cars like in Tesla cars. Fictional movies are becoming a reality with artificial intelligence. We now see company trying to create neural machine interface to bridge the gap between humans and AI because of the rate of advancement of AI. It is estimated that trade involving AI will hit $13 trillion by the year 2030.

An easy way to build the skills necessary for the machine-learning and AI field is continuing education, in addition to formal strong data science programs, there are also many viable, free options.

Introduction

Importance of Artificial Intelligence

 Artificial intelligence as the best tool to solve global poverty.

 Artificial intelligence can be used to bridge the gap between the have and the have not between the develop and the underdeveloped world

 Artificial intelligence can bring same kind of quality education obtainable in Harvard to FUPRE.

Applications of Artificial Intelligence

 Education: - AI robot – MAThia can help teach students mathematics in such a way that it knows the individual difficulties each student is facing.

 Agriculture:- This present method of agriculture (farming and rearing of animals) is not sufficient to feed the world growing population, (over 7 Billion) that is where AI comes to the rescue, with 3-D printing of food use of plant base milk and meat.

 Road constructions and Bridges: – AI can now be used in road construction and bridges to produce faster result like the INSTANT BRIDGE that builds usable bridges in 8 hours. AI also replaces humans in risk jobs that often lead to loss of life or job loss.

Artificial intelligence can be integrated to health care to help developing region of Africa with little or no skilled doctor to diagnose

diseases like breast cancer pneumonia malaria and eye diseases.

The AI was better in the discovery of T1 tumors, which is sorted as beginning period intrusive malignant growth. Man-made intelligence recognized 91% of T1 tumors and 87% of hub negative malignancies, though the radiologist peruser bunch distinguished 74% for both. The precision expanded from 9.5% to 85% when radiologists were supported by AI.

How AI is helping in the battle against Covid-19:

1. Disease observation Canada based Blue speck has influence AI and regular language preparing to follow, perceived and report the spread of the infection snappier than WHO.

2. Virtual Health Assistance (Chat bots) – Canada based Stallion AI has utilized its characteristic language handling capacities to construct a multilingual virtual wellbeing specialist that can address addresses identified with Covid-19,provide solid data and clear rules, suggested security measures, check and screen side effects and exhort people whether they need clinic screening or self confinement at their homes.

3. Diagnotic AI-Immediate finding implies that reaction estimates, for example, isolate can be utilize rapidly.

4. Facial acknowledgment and Fever Detector AI-Thermal camera has been utilized for once in a while now for recognizing individuals with fever in China.

5. Insight Drones and Robots – The open arrangement of automatons and robots has been quickened because of the severe social separating measures required to contain the infection spread.

6. Remedial Research AI – Part of what has disturbed established researchers is the nonappearance of a conclusive solution for the virus.AI can conceivably be a distinct advantage. A simple method to assemble the aptitudes important for the AI and AI field is proceeding with instruction. Notwithstanding formal solid information science programs, there are additionally numerous reasonable, free choices.

a) A.I more significant than fire and power.

Google C.E.O Sundar Pichai says Artificial Intelligence will highly affect the world than the absolute most omnipresent developments ever.

Strongly expressing that "A.I is one of the most significant things humankind is chipping away at. It is more significant than I don't know, power or fire".

I very concur with him since we as a whole realize that fire and power can slaughter people. Man-made brainpower is made for sparing lives and improving the world a spot.

As my saint (Elon Musk) cautioned a human despot will in the long amazing an AI tyrant will never kick the bucket. He said America shouldn't be terrified of KIM JONG-UN yet an untamed AI.

b) Getting ready for what's to come.

With the ongoing intermingling of a transformative arrangement of innovations, economies are entering a period in which AI has the potential conquered physical restrictions and open up new wellsprings of significant worth and development.

To abstain from passing up this chance, arrangement creators and business pioneers must get ready for, and move in the direction of, a future with AI. We should do so not with the possibility that AI is basically another profitability enhancer. Or maybe, we should consider AI to be the apparatus that can change our contemplating how development is made.

Whoever wins the war on AI will turn into the worldwide pioneer. This has regularly prompted researcher in various nations thinking of new innovations like the CRISPR BABY and some risky creation that are not very acceptable. There is requirement for an administrative body like the WHO under the

UN that would manage the exercises of these researchers.

Conclusion

Computer based intelligence innovations are classified by their ability to copy human qualities, the innovation they use to do this, their true applications, and the hypothesis of psyche.

1. Artificial Narrow Intelligence (ANI)/Weak AI/Narrow AI

Counterfeit tight insight (ANI), additionally alluded to as frail AI or restricted AI, is the main kind of man-made reasoning we have effectively acknowledged to date. Restricted AI is objective situated, intended to perform particular errands – for example facial acknowledgment, discourse acknowledgment/voice collaborators, driving a vehicle, or looking through the web – and is savvy at finishing the particular assignment it is customized to do.

While these machines may appear to be wise, they work under a thin arrangement of imperatives and constraints, which is the reason this sort is normally alluded to as feeble AI. Restricted AI doesn't mirror or imitate human insight, it just recreates human conduct dependent on a tight scope of boundaries and settings. Consider the discourse and language acknowledgment of the Siri remote helper on iPhones, vision acknowledgment of self-driving vehicles, and proposal motors that recommend items you make like dependent on your buy history. These frameworks can just learn or be educated to finish explicit assignments. Slender AI has encountered various advancements in the most recent decade, controlled by accomplishments in AI and profound learning. For instance, AI frameworks today are utilized in medication to determine malignant growth and different infections to have extraordinary precision through replication of human-esque comprehension and thinking.

Instances of tight AI

Rankbrain by Google/Google Search

Siri by Apple, Alexa by Amazon, Cortana by Microsoft and other menial helpers

IBM's Watson

Picture/facial acknowledgment programming

Malady mapping and forecast devices

Assembling and automaton robots

Email spam channels/web based life observing devices for hazardous substance

Diversion or promoting content proposals dependent on watch/tune in/buy conduct

Self-driving vehicles

2. Artificial General Intelligence (AGI)/Strong AI/Deep AI

Counterfeit general knowledge (AGI), likewise alluded to as solid AI or profound AI, is the idea of a machine with general insight that emulates human insight as well as practices, with the capacity to learn and apply its insight to take care of any issue. AGI can think, comprehend, and act in a way that is vague from that of a human in some random circumstance.

Artificial intelligence specialists and researchers have not yet accomplished solid AI. To succeed, they would need to figure out how to make machines cognizant, programming a full arrangement of subjective capacities. Machines would need to take experiential figuring out how to the following level, improving proficiency on particular errands, yet picking up the capacity to apply experiential information to a more extensive scope of various issues. Solid AI utilizes a hypothesis of psyche AI structure, which alludes to the capacity to recognize needs, feelings, convictions and points of view of other insightful entitles. Hypothesis of psyche level AI isn't about replication or recreation, it's tied in with preparing machines to genuinely get people.

Fujitsu-assembled K, probably the quickest supercomputer, is one of the most eminent endeavors at accomplishing solid AI, yet thinking of it as took 40 minutes to mimic a solitary second of neural movement.

There are 195 nations on the planet.

Top 10 countries leading in Artificial Intelligence

China, U.S.A, U.K, Canada, Russia, Germany, Norway, Sweden, France and India.

Least countries in the world as regards Artificial Intelligence

Most African countries fall in the range of countries that haven't experienced the benefits of Artificial intelligence.

Nauru, Micronesia, South sudan, Central African Republic,, Comoros, Guinea Bissau, South Sudan, Eritrea and Somalia according to Research conducted by Oxfordinsight.

Discussion

THE BIG QUESTION: WILL ARTIFICIAL INTELLIGENCE TAKE OVER THE WORLD?

Just as we have seen in Science fiction movies where the end of the human race is brought about by Smart Intelligent Robots. A.I takeover is a scenario where A.I becomes the dominating form of life on earth, taking absolute control of all the spheres on Earth. At this phase, A.I would not be under the control of Humans.

Studies have proven that A.I is just following am algorithm that humans have developed and written successfully into its program.

The Only possible way for A.I to take over the world is if emotions and feelings are part of its functions. Basically A.I would still need humans to write codes that would seem like emotions into their make up. Not until humans see A.I (Robots) fall in love, hate its job, develop hate for a person, feels tired , weak and exhausted, feels the need to share feelings with someone, feel happy, feel sad, not until then can we talk about an invasion from A.I. at this point A.I would be able to think, reason, judge, make decisions, make conclusions, be well organized and coordinated fully on its own. Until the programmers writes code of emotions into the A.I hardware, humans are totally safe and assured that there isn't going to be an A.I take over. The term G.I.G.O comes into mind, it is whatever information we give A.I that it works with.