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A Tour to the World of Artificial Intelligence

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Woah woah Alexa stop right there, aren't you bored of playing the same old playlist and reading the weather forecast every single day? How about we talk about you? I know this lockdown has affected you too. Well for all those who haven't guessed it yet, YES I'm talking about Artificial Intelligence (AI).

Introduction

All of us have come across the word Artificial Intelligence (AI) in our day to day life, we even use AI for the simplest of works we do but it isn't just that. AI is a huge word in itself, so let's keep our eyes and mind wide open and kiss sleep goodbye for a while. AI is also referred to as Machine Intelligence. It is an intelligence which is displayed by machines unlike being displayed by humans or other living beings. Textbook defines AI as a study of "Intelligent Agents".

This term has frequently pertained to the project of developing systems equipped with the cerebral processes.

AI was founded as an academic discipline and through all these years AI has faced support as well as criticism. The development of digital computers has made work easy and efficient. However, even after constant advances in computer technology there are yet no programs that can match human flexibility.

Too much to take in? Yes I get it. How about we consider a few fascinating examples so that you all don't stop reading mid-way. Some of the examples of Artificial Intelligence are self driving cars, social media, robots, digital voice assistant, netflix and many more. Let's get a detailed view of all of these examples, shall we? So sit back and let me take you on a tour of the world of AI.

Self Driving Cars are also known as Autonomous Vehicles, driverless cars.... "Wait what? Driverless Car? So I shouldn't worry about spending hours learning how to drive? WOAH, it just gets better!"

Self Driving car is a vehicle that is capable of sensing its environment and moving safely with little or no human effort. Self driving cars are a combination of a wide range of sensors to recognize the surroundings. In the generation which we live in, automobiles are a must. Nowadays from going to a nearby shop or going across the city, vehicles play an important role and with this comes a lot of stress. The sound of the horns, the chaos and hours of waiting in traffic jams. To back us up, Self Driving

Cars have given us various merits like decreasing the number of accidents, reducing traffic jams, helping in stress free parking and to top it off it is a "time saving vehicle".

Let's hop on to our next stop which is Artificial Intelligent Robot. I bet it reminded you of a movie, not going to lie but this movie really did leave me wishing for a robot who'd write my exams, it's okay though let's leave that thought there itself and learn more about our Artificial Intelligent "Robot Da!"

A lot of people think that Robotics and Artificial Intelligence is one and the same but that's where we got it wrong. Robotics is a branch of technology that deals with physical robots whereas Artificial Intelligence is a branch of computer science.

Now to talk about Artificial Intelligent Robot in particular. It's simply the gap between Robotics and Artificial Intelligence. These are robots that are monitored by Artificial Intelligence programs. Artificial Intelligence algorithms are used in AI robots to carry on more composite tasks.

Up next is our very own- Digital Voice Assistant and yes I assure you that I'll keep this short and sweet.

Digital Voice Assistants like Google Assistant, Cortana (na-na-na) Alexa and Siri are application programs that can comprehend natural language and complete the tasks for humans. Google assistant is powered by Google which is available on our smartphones. Cortana is developed by Microsoft and it uses search engines to perform its tasks. Alexa is an AI technology which is developed by Amazon. Siri is a part of Apple IOS.

I tell you all these digital assistants have made our life so easier that I don't even need to move my fingers to text anyone but I'm surely getting lazier by the day.

Let's move on to our next topic.... Hang On! Before we proceed any further let me get some popcorn and coke, get into my cosy bed cause why not? It's Netflix we're talking about, so "Netflix and chill". Most of you are already in a movie mood just by seeing the word Netflix but for all those workaholics let me give y'all a brief introduction.

Netflix is an American Technology and Media Services Provider. It is an application which brings exciting movies and webseries at your doorstep or in this case our mobiles, PC and so on. Netflix has done an incredible job of carrying on AI in the correct possible way. The recommendation system in Netflix works on algorithms. Some of the films which include AI are Metropolis, The Invisible Boy, Alphaville, Silent Running, Alien, Wargames and so on.

As we've read all the wonders of AI, I bet you're just as astonished as I was while reading about the things we use in our day to day life and see them in a new light. I would conclude my "Not so short" article by saying that Artificial Intelligence reduces human errors, takes risks instead of Humans, can work 24*7, helps in making quick decisions and can be used in our day to day lives. However, like every coin has two sides to it, so does AI, some of which are making us extremely lazy and dependent, high cost of creation, creates unemployment and so on. Usage of AI has become a habit now but we should also give in our maximum efforts for the things we do.

Farhana Kawal is a final year student, pursuing Bcom Accounting and Finance from St Francis degree college (Hyderabad). She's well known for her leadership qualities and her determination to give the best for the things she believes in. She upholds a great interest in reading and expressing her opinions and feelings through her write-ups. She writes and posts many write-ups on a reality check on life on social platforms. She looks up to her parents as a source of inspiration and appreciates their hard work in giving her the best of everything. She strongly believes in " Nothing stays forever so make the best out of it till it lasts."
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View Point

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Annexure I

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Reviewers Comment

Reviewer's Comment 1: The article is well written and also explained very well, and the key points are well taken.

Reviewer's Comment 2: The article is good but big data predictive analytics could be explained and defined well, because the predictive way of explain AI which is the most used model in an organizations in a present scenario. All other key points are taken very well and have good knowledge of AI.

Reviewer's Comment 3: The article briefly describes AI and its impact on the present scenario.

Reviewer's Comment 4: The topic taken is very nice, it is one of the most trending topics in todays time, this article will help the users enhance their knowledge of AI in very casual way.

Reviewer's Comment 5: The way article is written is very unique and nice; users will surely like this type of article, because the writing way and key points are very nice.

Reviewer's Comment 6: The way article is written is very casual but with knowledge, the punch lines and hit points used in this article is very nice, every reader can relate to it.

Editorial Excerpt

The article has 05% of plagiarism which is accepted percentage for publication the finding related to this manuscript Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The purpose of this research work is to provide an overview of AI research, ranging from basic work to interfaces and applications, with as much emphasis on results as on current issues. It has been earmarked finalized for publication under the category of "**View Point** (VP)".

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I'd like to express my gratitude and thank Ms. Sonakshi Jaiswal for believing in me to write an article for the Cybernomics 2020 with the title "A Tour to the World of Artificial Intelligence"

Disclaimer

All Views expressed in this paper are my own, which some of the content are taken from open source websites for the knowledge purpose. Those some of I have mentioned above in references section.