

Artificial Intelligence over Human Intelligence

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Abstract: - Intelligence can be defined as an overall mental capacity for thinking, critical thinking, and learning. In view of its overall nature, knowledge coordinates psychological capacities, for example, perception, attention, memory, language, or planning. Human intelligence revolves around adjusting to the climate utilizing a mix of a few intellectual cycles. The field of Artificial Intelligence centers on planning machines that can copy human conduct. In this way, right now, the simple capacity to copy human conduct is considered as Artificial Intelligence. Artificial Intelligence (AI) is the capacity of a PC program or a machine to think and learn.

The main intention of this paper is to explore and present a comprehensive survey of Artificial intelligence among intelligence, Artificial intelligence applications, and any contribution of the various applications worldwide at intervals. The paper ends with the conclusion and future aspects of Artificial intelligence.

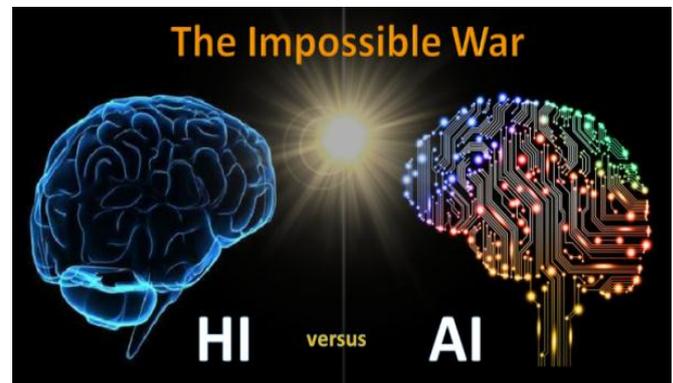
Key words: - Artificial intelligence, Human intelligence, Intelligence

1. INTRODUCTION

Artificial Intelligence is a way to deal with make a PC, a robot, or an item to think how keen human think. AI is a study of how human brain think, learn, decide and work, when it tries to solve problems. And finally this study outputs intelligent software systems. The aim of AI is to improve PC capacities which are identified with human information, for instance, thinking, learning, and critical thinking.

The intelligence is intangible. It is composed of:

- Reasoning
- Learning
- Problem Solving
- Perception
- Linguistic Intelligence



The objectives of AI research are thinking, information portrayal, arranging, learning, common language handling, acknowledgment, and capacity to move and control objects. There are long-term goals in the overall knowledge area. Approaches incorporate factual strategies, computational insight, and conventional coding AI. During the AI research identified with search and numerical enhancement, fake neural organizations and techniques dependent on measurements, likelihood, and financial aspects, we utilize numerous instruments. Software engineering draws in AI in the field of science, arithmetic, brain research, etymology, theory, etc. Is computerized reasoning (AI) part of things to come? AI funding projections paint a \$46 billion spending spree by 2021. Billions in real money, combined with fast innovative achievements, give us a future where AI appears to be conceivable. Super intelligence may or may not happen, depending on which expert you ask. Today, we're utilizing some type of man-made reasoning to control our everyday errands. Smartphones have AI that helps with routines, search, and taking photos. Vehicles likewise come furnished with a type of AI that helps with leaving, impacts, walkers, and even journey control. Despite the fears about artificial intelligence taking over humankind or simply not happening, there is one takeaway from all this: The technology has many benefits and near-endless applications.

Artificial intelligence can profit the economy by aiding the advancement of work. Robots and AI will assist individuals with playing out their errands better, not take their positions. The combination of man and machine will be unstoppable with profound learning and AI, AI can get more astute over the long run, accordingly expanding a business' productivity. Artificial intelligence will likewise altogether lessen the likelihood of human mistake and study authentic information to cut costs. AI upgrades data throughput and proficiency, assisting individuals with making openings. We're discussing new streams for income age, reserve funds, and occupations.

Man-made consciousness upgrades clients' way of life decisions by utilizing search calculations that give focused on data. Man-made intelligence will deal with every single unremarkable undertaking, for example, information passage and noting messages. Artificial intelligence fuelled keen homes can eliminate energy utilize and give better security. As insane as it sounds, AI has just made it in the criminal equity framework. Many police divisions and courts are going to computerized reasoning to relieve predisposition. A machine currently handles profiling and danger evaluation. Simulated intelligence searches for designs in criminal records and chronicled information to make a suggestion. The examination ought to be liberated from racial, sexual, or different inclinations - in principle. There have been reports that AI is utilizing information to send individuals to imprison for some unacceptable reasons. Anticipating an individual has a "high danger" of future crime with no setting isn't right. It resembles the film "Minority Report," where individuals get captured before they carry out a crime.

2. LITERATURE REVIEW

The survey findings show that a few organizations utilizing AI are seeing that worth gather to the undertaking level. 22 percent of respondents state that in excess of 5 percent of their associations' venture wide EBIT in 2019 was inferable from their utilization of AI, with 48 percent revealing under 5 percent. Selection of computerized reasoning (AI) proceeds to increment, and the innovation is producing returns. 1 The discoveries of the most recent McKinsey Global Survey regarding the matter show an almost 25 percent year-over-year increment in the utilization of AI 2 in standard business measures, with a sizable bounce from the previous year in organizations utilizing AI across different territories of their business. 3 A larger part of chiefs whose organizations have embraced AI report that it has given an uptick in income in the business territories where it is utilized, and 44 percent state AI has diminished expenses.

The outcomes likewise show that a little portion of organizations—from an assortment of areas—are accomplishing outside business results from AI, possibly enlarging the hole between AI power clients and selection slouches. Respondents from these high-performing organizations (or AI superior workers) report that they accomplish more noteworthy scale and see both higher income increments and more prominent cost diminishes than different organizations that utilization AI. 4 The discoveries, notwithstanding, give a potential guide to loafers, demonstrating that the AI superior workers are bound to apply center practices for utilizing AI to drive an incentive across the association, alleviate chances related with the innovation, and retrain labourers to set them up for AI reception.

Further, our outcomes propose that labor force retraining should increase. While the discoveries show that AI selection has commonly had unassuming in general impacts on associations' labor force size in the previous year, around 33% of respondents state they anticipate that AI appropriation should prompt a diminishing in their labor force in the following three years, contrasted and one-fifth who anticipate an expansion, and AI superior workers are accomplishing all the more retraining.

3. METHODS AND APPROACHES

First I prepared a questionnaire about *Artificial intelligence* and conducted an Online Survey with the help of Google form. I shared it with few people and asked them to respond to it by providing their answers

I got around 50 responses from my peers and friends. More than 60% of people doesn't even heard about it and most of them are not preferring *Artificial intelligence* over *Human intelligence* because they have no idea what *Artificial intelligence* actually is.

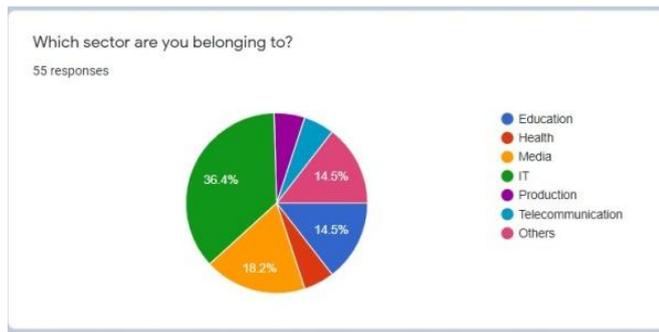
After got the information, the collected data can be exported to .csv format.

4. PUBLIC SURVEY AND EXPERIMENT

After doing the survey I send it to various people and collected information regarding *Artificial intelligence*. I have created some questions regarding *Artificial intelligence* to get the people's awareness about it. I developed 8 questions about *Artificial intelligence* and collected their responses. I send it to various people from IT and non-IT fields. It simply implies the awareness of *Artificial intelligence* of various people.

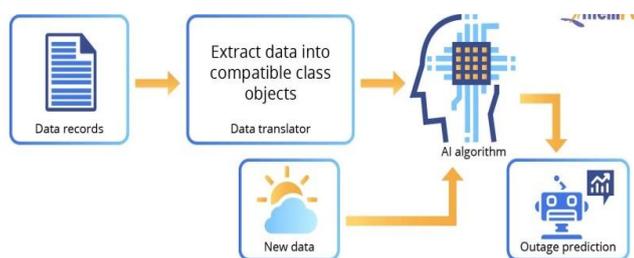
Questions and Results:

1. Which sector are you belonging to?
2. Why do we need AI?
3. Would you prefer to use *Artificial intelligence* over *Human intelligence*?
4. What is your level of understanding of *Artificial intelligence*?
5. Are you using *Artificial intelligence* in any form?
6. What is the most popular programming language used in AI?
7. How will AI impact application development?
8. Do you have research experience in AI?



5. Discussion

We may be aware of the present scenario, and what value does AI holds in our life. AI collects and organizes large amounts of information to make insights and guesses that are beyond the human capabilities of manual processing. Amazing! Isn't it? With its increasing organizational efficiencies, the likelihood of a mistake and detected irregular patterns is reduced. So, if we talk about spam or fraud, or the warning it provides to business in real-time about suspicious activity, a lot has been safeguarded already. Cost reduction helped the business to increase their share of profits. **For example** – “training” the machines to handle customer support calls and replacing many jobs in that way.



Artificial intelligence can be separated into two distinct classes: weak and strong. AI embodies a system designed to carry out one particular job. Weak AI system incorporate computer games, for example, the chess model from above and individual partners, for example, Amazon's Alexa and Apple's Siri. You ask the colleague an inquiry, it answers it for you. Strong artificial intelligence systems are frameworks that carry on the undertakings viewed as human-like. These will in general be more mind boggling and muddled frameworks. They are modified to deal with circumstances in which they might be needed to issue settle without having an individual mediate. These sorts of frameworks can be found in applications such as self-driving vehicles or in medical clinic working rooms.

At the point when the vast majority hear the term AI, the main thing they as a rule consider is robots. That is on the grounds that enormous spending movies and books weave tales about human-like machines that unleash destruction on Earth. However, nothing could be further from reality. AI depends on the rule that human insight can be characterized such that a machine can without

much of a stretch copy it and execute undertakings, from the most easy to those that are considerably more mind boggling.

The objectives of AI incorporate picking up, thinking, and discernment. As innovation propels, past benchmarks that characterized man-made reasoning become obsolete. For instance, machines that ascertain fundamental capacities or perceive text through optical character acknowledgment are not, at this point considered to typify man-made reasoning, since this capacity is currently underestimated as an intrinsic PC work.

AI would have a low mistake rate contrasted with people, whenever coded appropriately. They would have unfathomable exactness, precision, and speed. They won't be influenced by antagonistic conditions, in this way ready to finish risky errands, investigate in space, and suffer issues that would harm or kill us.

6. CONCLUSIONS

After the survey, I came to know that most people, even technical people, don't have much idea about artificial intelligence. I've received about 50 responses from people, and most of them are technicians, so they don't have much knowledge about AI. This is why I have chosen this topic over HUMAN INTELLIGENCE. The reports presented above illustrated that artificial intelligence encompasses a lot of potential in technical field. However, the interest and enthusiasm for this is growing and it is almost used everywhere. AI reduces the time taken to perform a task. AI enables the execution of difficult tasks without significant cost outlays. AI operates 24x7 without interruption and has no downtime. AI is helpful for differently abled individuals.

We can't deny the fact that artificial intelligence is the fastest growing technology, considering all the pros and cons. It provides consumers with a great advantage: basic users, developers, companies and all forms of organizations. Every new inventions or breakthrough will have both, but we as humans need to take care of that and use the positive sides of the invention to create a better world. Some people say that AI can destroy human civilization if it goes into the wrong hands. But still, none of the AI applications made at that scale that can destroy or enslave humanity. So, this technology will become more advanced in the coming period.

6.1 Findings

- Reduction in human error
- Takes risks instead of humans
- Available 24x7
- Helping in repetitive jobs

- Digital Assistance
- Faster Decisions
- Daily Applications
- New Inventions

6.2 Applications

- Improve customer services
- Automate workloads
- Optimise logistics
- Increase manufacturing output and efficiency
- Prevent outages.
- Predict performance
- Predict behaviour
- Manage and analyse your data
- Improve your marketing and advertising

6.3 Limitations

- High cost of creation
- Making Humans Lazy
- Unemployment
- No emotions
- Lacking Out of Box Thinking

7. ACKNOWLEDGMENT

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