Awareness on Artificial Intelligence

K. Ahalya, Sreeya B

Abstract— The term artificial intelligence can also be called machine intelligence, as we know everything became more systematic and programmed and manpower is reduced ,in such manner, man-made reasoning has a unique job in all the progression made today. Artificial intelligence frameworks are utilized in each stroll of our day by day life, in short we can say that our lives have additionally gotten further developed with the utilization of this AI innovation. The applications are operated in various fields like manufacturing units,business entities ,Medical sciences ,in the field of law and technology called driverless vehicles which can sense the environment broadly utilizes the idea of AI.The principle point or the main aim of the study is of is to make a general awareness about artificial intelligence to the public.The study has utilized 1850 respondents to comprehend their perspectives on Artificial Intelligence framework .Chi square, Anova are the statistical tools used for the study ,Through the examination it is discovered that individuals are exceptionally mindful of the innovation of man-made consciousness framework and they acknowledge that because of the headway of this innovation the human employments or human jobs are profoundly diminished and the 21 st century are in its boom to use machine intelligence and industries are in a situation where they can't work without AI as because many of the challenges faced are solved by AI because many of the works are completed within a short span of time without facing any risks.

Keywords:. Artificial intelligence, Awareness, Machine, driverless vehicles,human jobs

I. INTRODUCTION

The Artificial knowledge has totally changed an extreme route in the field of therapeutic science which was seen only a couple of years back.The bots are so compelling in addressing the continuous inquiries, and furthermore in issues identifying with plan arrangements one after another. There are different regions in therapeutic science where the innovation is utilized to accomplish fantastic worth. With the assistance of AI, the medicinal science accomplished a virtual individual human services colleagues. These are utilized for research and investigation purposes as well. There are likewise numerous proficient social insurance bots presented in the region of medicinal field to give steady wellbeing backing to patients. Big ventures are flourishing

with the AI framework since they complete their undertakings on schedule and can possibly place precise information in their framework ,in short we can say the work is finished with no dangers inside a limited ability to focus time.Computerized reasoning is utilized in the generation and activities units in a large portion of the enormous assembling companies and the work is completed on time with no more difficulties.This application is likewise utilized in the administration particularly in the greater part of the organizations to complete their errands effectively on schedule.Keeps every one of the records of a worker, the essential information of the organization is put away and effectively extricated at the pivotal basic leadership time.

II. OBJECTIVES

● To understand about Artificial Intelligence Systems.
● To analyze that there is no significant association between reduction in human jobs and educational qualification groups of the respondent.
● To investigate that there is no significant difference in the mean scores of level of agreeability towards the products of AI among the occupational groups.

III. LITERATURE REVIEW

1Hussain ,Bhasharat, Nawaz shah, Yousaf, Muhammad Haroon. (2018) morgan kaufmann publishers (Hussain, Nawaz, and Yousaf 2018) the study has done on the topic Investigated on Visual vehicle recognition conspire on law controlled implanted GPU .They pointed on Object identification utilizing Deformable Parts Model (DPM) demonstrated to be a promising methodology giving higher location precision. The creator reasons that they have accomplished a speedup of 3x to 5x when contrasted with cutting edge GPU usage , along these lines getting preferred position of improved effectiveness through parallel calculation of CUDA 5 Shefali parashar,Daniel Pizarro,adrien bartoli (2018)(Parashar, Pizarro, and Bartoli 2018)Examined on isometric non inflexible shape from movement with riemannian geometry,aimed on reproducing the time-shifting 3D state of a dainty shell object experiencing isometric mishappenings. The proposed technique beats existing work regarding exactness and calculation cost on engineered and genuine datasets. 4Penguin wang ,Qi wu, chunhua shen, Anthony Dick, Anton van den Hengel(2018) (Wang et al. 2017)Analysed on FVQA actuality based visual Question Answeringhas pulled in a lot of consideration in both PC vision and regular language preparing communities,concludes depicting a novel model which is fit for thinking about a picture based on supporting-realities
Guillermo.2Andre

fabbri,Frederic armetta,Eric duchene and salima hassas (2016)(Fabbri et al. 2014) inspected on MCTS (Monte Carlo Tree Search) .which is an outstanding and effective procedure to cover and assess an enormous scope of states for combinatorial issues. Their exploratory outcomes prompts promising outcomes and underline how self-obtained information can be valuable for MCTS based algorithms.examined on MCTS (Monte Carlo Tree Search) .which is known and covers and examine all kinds of combinatorial problems. Their experimental results leads to promising results and underline how self-acquired data can be useful for MCTS based algorithms.7chouaib moujahdi,George Bebis,Sanaa ghouzali,mouna mikram,Mohammed Rziza (2016)(Moujahdi et al. 2012) analyzed on Biometric format assurance utilizing winding 3D shape , execution and security investigation .Their goal is to manufacture a non-invertible change, in light of irregular projection, which meets the necessities of revocability, assorted variety, security and execution. Their broad trial results utilizing a few databases (e.g., face, finger-knuckle and iris), show that the proposed method can safeguard and expand the presentation of secured frameworks.6 vilares ferro, Fernandez gavilanes(2016)(Faical et al. 2014; Ferro et al. 2016) Investigated on proposition for insightful recovery in the biodiversity area is portrayed. The objective is to give computational apparatuses to recognize, separate and relate information as well as logical thoughts, regardless of whether the data accessible to begin the procedure isn't finished.

IV. MATERIALS AND METHODS

For the purpose of study , Descriptive Research is used. Descriptive research helps To portray accurately the characteristics of a particular individual ,situation or a Group.Convenience sampling method is used in this Study to collect the samples. Selection Of elements based on the ease of access is Convenience sampling.Sampling size Is 1850 samples. Independent Variables are Educational qualification. Dependent variables are reduction in human jobs due to the advancement of Artificial intelligence and the products developed through artificial intelligence system Statistical tools involved in the test are Chi square and Anova.

V. ANALYSIS AND DISCUSSIONS & RESULTS

Null hypothesis: There is no significant association between reduction of human jobs due to the advancement of Artificial Intelligence system and educational qualification groups of the respondent
Alternate hypothesis: There is significant association between reduction of human jobs due to the advancement of Artificial Intelligence system and educational qualification of the respondent

Table: 1
Impact on Human jobs on the advancement of Artificial Intelligence

		14.1 Do you think that due to the advancement of AI ,human jobs are being reduced?		Total

		Yes	No	
Educational Qualification	Primary	32	57	89
	High School	203	85	288
	Higher Secondary	262	490	752
	Degree and above	329	233	562
	Illiterate	58	101	159
Total		884	966	1850

Table 2 : Chi Square Test : Impact On Human Jobs On The Advancement Of Ai And Educational Qualification Groups

Chi-Square Tests			
	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	149.183[a]	4	.000

Interpretation

Using Chi square test, it was found that p value is less than 0.05, which shows that the null hypothesis is rejected . Therefore, there is significant association between reduction in human jobs and Educational qualification of the respondent.

Null Hypothesis (H0): There is no significant difference in the mean scores of level of agreeability towards the products of AI among the occupational groups.

Alternate Hypothesis (H1): There is a significant difference in the mean scores of reason for development of various products artificial intelligence systems among the occupational groups.

Table 3
Level of agreeability towards the products of ai Anova

		Sum of Squares	df	Mean Square	F	Sig.
level of awareness towards Artificial Intelligence [security robots]	Between Groups	285.740	2	142.870	105.078	.000
	Within Groups	2511.278	1847	1.360		
	Total	2797.018	1849			
level of awareness towards Artificial Intelligence [Artificially intelligent game players]	Between Groups	105.929	2	52.964	82.718	.000
	Within Groups	1182.645	1847	.640		
	Total	1288.574	1849			
level of awareness towards Artificial Intelligence [A home personal assistant robots]	Between Groups	22.934	2	11.467	10.939	.000
	Within Groups	1936.201	1847	1.048		
	Total	1959.135	1849			

Interpretation

Using ANOVA it was analysed whether the level of agreeability regarding of the various products developed by artificial intelligence system towards the occupational groups. Since the p value of all the reasons are less than 0.05, it was found that there is a significant difference in the mean scores of products of AI among the occupational groups.

VI. CONCLUSION

Researchers gives a view when machine knowledge outperforms human insight. Think about an existence where all the humble undertakings, for example, trash transfer, washing clothes ,sweeping the house ,burrowing, etc will be dealt with by the AI application. It will be the point at which the progressive request directs the breaking points of a human. It will be where nobody will be looked downward on and each human will be viewed as equivalent. Along these lines, the people would then be able to concentrate their qualities on more elevated levels of work to achieve much more and continually taking innovation higher than ever. Researchers accept that once the AI begins rising in its full limit, it reevaluates the whole world that we know today.Through the examination it is found because of the headway of those frameworks human occupations are being reduced.The potential outcomes are high for the advancement of man-made brainpower framework all through the world.In spite of the fact that there are various advantages that can be found in AI, with each incredible development, there is likewise a specific measure of hazard. The most serious dangers related could be it is being utilized for destruction.If this happens, the very innovation that we make can murder us sooner rather than later. . Be that as it may, the different laws, administrative rules, and strategies to screen the utilization of computerized reasoning in the present time, thus the wellbeing of us people is consistently the prime concern here.So as to deal with this pivotal angle, there are numerous such associations and researchers pushing for administrative oversight on the utilizations of AI and its frameworks. The oversight should be on the national and universal levels so every one of the nations can find a sense of contentment and that can have an encounter development in their separate nations. So AI assumes a significant job in the improvement of business and procedures as well as takes people to the following level. With the quick development in innovation and improvement, we can anticipate much all the more energizing highlights and employments of AI in the close future.

REFERENCES

1. "Fabbri, Andre, Frederic Armetta, Eric Duchene, and Salima Hassas. 2014. "Knowledge Complement for Monte Carlo Tree Search: An Application to Combinatorial Games." In *2014 IEEE 26th International Conference on Tools with Artificial Intelligence*. https://doi.org/10.1109/ictai.2014.151.
2. Ferro, M. Vilares, M. Vilares Ferro, M. Fernández Gavilanes, A. Blanco González, and C. Gómez-Rodríguez. 2016. "Intelligent Retrieval for Biodiversity." *International Journal on Artificial Intelligence Tools* 25 (01): 1550029.
3. Hadroug, Nadji, Ahmed Hafaifa, Abdellah Kouzou, Bachir Nail, Mouloud Guemana, Salam Abudura, and Ahmed Chaibet. 2016. "Active Fault Tolerant Control Based on a Fuzzy System Applied to a Turbocharger." In *2016 8th International Conference on Modelling, Identification and Control (ICMIC)*. https://doi.org/10.1109/icmic.2016.7804175.
4. Hussain, Basharat, Shah Nawaz, and Muhammad Haroon Yousaf. 2018. "Visual Vehicle Detection Scheme on Low-Powered Embedded GPU." *Journal of Intelligent & Fuzzy Systems*, 1–11.
5. Moujahdi, Chouaib, Sanaa Ghouzali, Mounia Mikram, Mohammed Rziza, and George Bebis. 2012. "Spiral Cube for Biometric Template Protection." In *Lecture Notes in Computer Science*, 235–44.
6. Parashar, Shaifali, Daniel Pizarro, and Adrien Bartoli. 2018. "Isometric Non-Rigid Shape-from-Motion with Riemannian Geometry Solved in Linear Time." *IEEE Transactions on Pattern Analysis and Machine Intelligence* 40 (10): 2442–54.
7. Society for Worldwide Interbank. 2014. *Adaptive Intelligent Systems: Proceedings of the BANKAI Workshop, Brussels, Belgium, 12-14 October 1992*. Elsevier.