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Artificial intelligence: It's Promises ^{and Perils.} outline.

- 1) Introduction.
- 2) A cursory glance on Artificial Intelligence.
- 3) Promises of Artificial intelligence. (AI)

- (a) A huge contribution of AI in Automation industry: dwindling human error.
- (b) Enhancements in Health Care department due to the usage of AI.
- (c) Autonomous vehicles are the depiction of AI: Airplanes and driverless cars.
- (d) A threat of cyber-security breach has been limited due to AI security measures.
- (e) A multidimensional cooperation of AI in development and innovation: AI chatbots; study fields.

- 4) Perils in the way of huge participation of AI in different fields.

- (a) Displacement of human jobs: Automation industrial and management fields.
- (b) Biasness in AI generated facts and reports; Western centric and Patriarchal dominance.
- (c) Weaponization enhancement through AI: Auto defense missiles systems.

- (d) A security dilemma by over/using AI: security breach threats.
- (e) Existential threats posed by AI: AI may surpass humans.
- (f) Transparency: issues in decision making and innovations: Privacy of AI based facts.

(5) Way forwards to mitigate the perils imposed by the AI,

- (a) Awareness and education regarding AI is an essential part.
- (b) Enactment of the policies regarding Privacy and Protection of data.
- (c) Less involvement of AI in weaponization and Militarization must be ensured.
- (d) A dire need of ethical development of AI: Transparency and accountability.
- (e) Increase in cybersecurity to ensure, AI is not being used by wrong hands: ethical makings.

(6) Conclusion,

In this modern era, where technology is obliterating the society, Artificial Intelligence is also getting influence almost in every field of life. Hence, there are some promises as well as some perils of Artificial Intelligence, that must be recognised. Therefore a dire need of ^{robust} measures must be taken to ensure positive usage of Artificial Intelligence. In order to understand what Artificial Intelligence is one must ensure its whole scenarios. The promises that Artificial Intelligence has made such as, A huge contribution of AI in Automation Industry, Enhancement in Health care developments, Autonomous vehicles and a multidimensional cooperation of AI in development and innovation.

In spite of the positives, there are some perils as well in the way of huge participation of Artificial Intelligence in different fields for instance, displacement of human jobs by AI, biasedness in AI generated reports and facts, weaponization enhancement like auto missile

systems and threats like existential and non-transparencies are big examples. Therefore a dire need of robust measures must be taken. Measures like awareness and education regarding positive use of AI, Ensurance of the policies regarding privacy and protection of data, Increase accountability and cyber-security for protection of AI, must be ensured. It is hoped that aforementioned measures would be a positive revolution in Artificial Intelligence's world.

Artificial Intelligence (AI) is a new word of 21st century. AI is a latest image of technology that ensures the dominant position of technology in almost every field of life. It is true that development and innovations are on the fast track due to incursion of AI. For instance, the world has witnessed driverless cars, Automation industry and self-taken initiatives of AI, this is all the depiction of AI model technology. Human wants,

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likings and dislikings are all in the catalogue of AI model social and technical applications. Such as one's searches in google feed and other places of visits which show the interest of user feeds the AI for example most recent places and searches encouraged AI to show similar results. As if I always use to search restaurants whenever I go some where, now whenever I travel my google maps notifies me with nearest restaurants. There are similar Promises of AI.

AI is a latest mechanism of technology so it has also a huge contribution in Automation Industry. Where back in 20th century human used to do work in those fields, the chances of human error were high. But in modern age where robots are making sensitive jobs so it has lesser the chances of mistakes so almost in every field of life Engineering, Manufacturing, Medical

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and developments, these AI based Robots and Applications are working and pace of development and innovation taking high position.

In addition to the promises of AI, a huge and essential industry is Human Health care department.

By the use of AI in this field the ~~research~~ research of new combination of medicines are getting easy to find. In older times experiments were necessary but due to the incursion of AI, results and experiments are being estimated easily, in small variation of times.

By the miracle of AI, the scientists also have measured the Predictory destructions as well as the methods of upcoming biological diseases, in the results of advancement in technology.

Besides this industry, the Engineering industry is also getting flourished by AI. Autonomous vehicles like airplane and driverless cars are the depiction

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of AI. There are various applications that are based on AI model such as navigation and maps, which calculate the data regarding journey. Even in the recent years "Elon Musk" the owner of "TESLA" company launched driver less cars. User just has to sit and relax in the car while cars drive itself to the feeded destination. Autopilot was a startup AI model in Airplanes but now the advancement of this model can be seen on the roads as well.

Artificial Intelligence itself a guide which guides you, according to the needs. There are numerous AI based security models which ensures the data and privacy's security without the hectic initiatives of human. For instance whenever a user fill its data such as passwords, then AI saved it for next upcoming need of owner. So the owner doesn't

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have need to remember it's data all the time. Moreover security suggestions notify, usually in terms of insecurity, by the AI based models to the users.

In addition to AI applications, how one can forget the chatbots and study bots, which actually helped in the growth of research and new studies in their respective fields.

A huge contribution of those chatbots like ChatGPT and other AI models, in the studies, assignments, researches, datas, charts, reports and even user can talk to those chatbots as per the advices and suggestion are concerned. Multiple answers and suggestions can be taken in few seconds.

Completely concised data, one can get instead of long time taking researches on Google. Besides these promises some perils are also there in the way of huge participation of AI in different fields.

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Human is an essential part of this Biodiversity, and for the survival of Human, some tasks and jobs are directly needed to fulfill his needs. It is seemed that AI is taking the place of Humans, by displacing their jobs. Due to the Perfection and continuously working of Robots with no demands of rest and Payments, almost every industry is hiring robots and dwindling human workers. The cause of their downsizing the workers is highly developing requirements and increasing revenues, which can be possible easily by hiring more robots and kicking out more humans.

Another Peril of increasing involvement of AI is biasedness in AI generated facts and reports. According to a research by "AI index", a specific AI model chose for selection of new members for hiring, a shocking result could be seen when that AI model board had pick mostly Men. That

was a clear depiction of biasedness towards Patriarchal approach, that happened because the programmer was male. So AI based models are clearly show the approaches of their makers, which would cause danger for : Western versus Eastern perspectives, Muslims versus Non Muslim's thoughts, Male versus female and capitalist versus Socialist approaches, which can be use as a weapon in Hybrid war.

Moreover AI involvement in Weaponization and Militarization has been extensively increased. There are various new developments are being made that are AI based such as defensive mechanism, AI based navigations, radar system that alerts or even auto defensive modes are being installed in them, which is very dangerous for human existence. A recent report of Al-jazeera network showed the signature of destruction that could be made by Auto defensive missile system.

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, which had lock a passenger airplane for some seconds, was installed on the U.S navy warship. A machine which has no feeling and emotions can target anyone, which seems a threat to this specific AI model defense system. Another study showed, AI chatbot presented millions of combination of making new weapons in few seconds which human could not make in its entire time.

Moreover AI is a tool, and that shows the results whenever it gets commanded, no matter positives or negatives. In this regard, AI based technologies can be used for bad purposes, security breaches are also one of those dilemmas. A traditional danger is also a advance danger, data leakages, security breaches, data and information thefting and spreadings of propagandas also still a big concern, if the security threats are concern.

According to International Society of data scientists (ISODS), existential threats for human beings are increasing enormously. According to data analysis of increase use of AI in development, research and decision making may surpass the human existence in decision makings and opinion based models. In addition to this lack of transparency can be seen in AI models because of their non accountability and privacy regarding their facts and figures. Their decisions are like black boxes which cannot be searched whether they were transparent or not. To mitigate the perils of AI, a dire need of ~~un~~cordial measure, must be taken to ensure it's positive uses. "Artificial Intelligence have more profound impacts on our life than Electricity and Internet" said by "Sudar Pachar"

Awareness and Education are the essential things that must be given to people for ensuring the

beneficial usage of AI. One must be informed about all the aspects of using something especially when it comes to the AI model which is as sweet as sugar and as bitter as poison which can be used as a tool of guidance as well as can be used as a dangerous and lethal weapon. In order to take its full benefits it must be ensured that its education are being taught in schools as well as in higher levels of education and professional life.

Moreover in order to make AI useful and without threats, a proper legal framework regarding the policies of AI and its data usage must be fulfilled. National and international government should stand affirmed in order to maintain its protection policies. The first AI act in Europe has taken place, by which it ensures a safe environment for development, healthcare and other fields related jobs. According to that particular act any threat

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assumed by legal authorities in any field, would cause elimination of that program and fines.

Furthermore, the more you use AI in any specific field, the more results you will get. The need of the hour is to have lesser involvement of AI in weaponization and militarization to have better and secure results if human protection is concerned. And moreover weapons should not be auto controlled by AI which have no emotions and feelings. Those sensitive machines should totally be operated by men, ~~who~~ who is rational, emotioned and full of feelings same as in old war.

Another domain which is most important in AI management that is Ethical development of AI. Ethical development means AI's bot systems and data banks should be transparent and AI

would held accountable, it owners and programmers, in any mistake. By this ^{happen} a proper unbiased and according to ethics working of AI can be witnessed.

Finally a robust ^{set of} measures are direly needed to be taken for strong cyber security, to ensure the AI's credibility and effective check on it. For this sake ~~ethical~~ Ethical haking can be taken as protection measures. In Pakistan FIA's cyber security wing, in Europe AI act 2023 and cyber security wing of Interpol are working on this issue. More legal frame works are the need of time because the more it involves in life the more it needs to be protected. "AI is not a substitute for human it's a tool for amplify human creativity" field ~~the~~ ~~work~~.

On the whole AI is dominating the world in every field of life which have some promises along with some perils, so some cordial measures

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like : Awareness and education , Ensurance of the policies regarding privacy protection of datas , lessen the involvement of AI in weaponization and ethical development of AI, are need of the hour. It is hoped that AI would flourish development and innovation as used by human as a tool, and AI along with humans would get beneficiary results in related fields.