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checks must be applied to avoid these	
consequences.	
2- What is Astificial Intelligence and	
its recent rise	
3- The promises of Astificial	
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a- Efficient processes through	
automation	
b- Revolutionizing health case sector	
c- Source of information	
d- Reduced human dependency	
e- Equal access to au	
f-Fullame avaliability of AI	
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b- Increased stratification between	
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	g- Tessosists can use technology	
	5-Steps which can be taken to	
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The potential benefits of astificial intelligence ate huge, so are the dangers - These words of Dr Dave worker, a proofessor out University of oxfood, aptly depicts the perils associated with the promises of Artificial Interigence. AI has reached 94s zeneith in the Last decade. The promises of Astificial Intelligence includes efficient processes, revolutionizing health sectors and a source of information. AI assures reduce human dependency, equal access to all and fulltime avaliability. However, there are many petils associated with AI as well. AI can increase unemployment and reduce human eseativity It conjincoease stratification between developsed and developing countries. Mossowers, AI is still not a reliable data soutce and it can cause privacy breach as well. Tessoosist organizations can also use AI for negative purposes. So there is a diffe need to take cestain steps in order to avoid the pebils of Astificial Intelligence. quidelines for AI development should be established and AI litebacy should be pownoted Humans should telly on their natural capabilities and laws must be developed for accountability of AI developers. In the 21st century, mankind has witnessed the dawn of Astificial Intelligence People have fallen in Love with the copabilities of AI without

considering the potential consequence of their use Therefuse, cestain checks must be applied to avoid these consequences. Aflitical Intelligence & the ability. of digital computer or computers contracted behot to perform tasks commonly associated with intelligent beings. In simple woods, AI is an attempt to empowed sobots with human like intelligence. In the 20st century, due to high volumes of data, high speed internet and super computing machines, the concept of AI floursished. Although the development of AI is still in initial, stages, experts have raised concerns about the potential dangers accompanied with AI. Elon Musk, the CEO of X (former twitter), Testa and space x, have warened that AI is fax more dangerous than any other human invention, leven scientists have demanded AI developer companies to stop its development for atleast next six months. AI ones alot of promise to mankind. Efficient processes through automation is the most impostant poomise of AI. In most of the industrial sectors, human watch ower the processes is mandatoby. A lot of labour fooce is organised for consect processing and mainteninence. At tobots condo the same job with greater efficiency. AI robots have sensors which hardly makes any

mistake making the process mobe efficient and economically viable. According to IBM, bad data alone costs U.S businesses mose than \$3.1 toillion a year. This bad data is the result of human mistakes in douto entry. Such a heavy cost con be avoided by deploying AI in processes. Astificial Intelligence has the potential to sevolutionize the healthcose sector. At has been used to analyse longe datasets and decode partieons that would be difficult for humans to detect. This has led to breakthroughs in field such as genomics and doug discovery. AI has been used in healthcose settings to develop diagnostix tools and personalised tollament plans. Mothavel, 60 botic subgery has attracted may physicans. According to American courge of Surgeons, the use of sobotic surgersy has increased from 1.8 persont to 15.1 persont in the last decode on anesage sobotic susgessies have a 95 persont success sate. Thus, AI is fulfilling its promise to revolutionise the healthcore sections Another promise of AI is that it will seare as source of information. AI consist of huge data boses which encompasses ready all the knowledge which mankind have ever had, motheres, using AI tools as soubled information

is much convinient as comparted to become like Google and Mozilla Freefox Foo instance, chat GPT is one of the AI tool where a person con disectly input a query and he would get the selevant answed There is no need to scoul multiple websites to teach to the required answer. Thus, AI is a exectible and efficient souxce of information Dependency of AI con beduce dependency on humans. It is a blessing as well as a dilemma that AI is pastially capable of performing human tasks Repetative tasks which require humans can be done easily by using AI driven technologies AI is very efficient in adapting to envisonments. Fobinstonce, et some new data 06 workload is given to AI, it will placess that data and will be able to do the job next time that is why accoss the globe the wooks which teguine repetative efforts one being replaced by AI A secent study of woold Economic Footom (MEF) shows that upto fourfifth of sepetitive tasks can be automated tr-bough the use of AI Thus, by deploying AI technologies human dependency can be reduced on no mon 29229 gnoons AI promises equal access to all. The best thing about digital

developments is that it is free from geographical bandories Mossowes, AI leathing is open to all Anybody con leaden AI and Machine Leadening and then deploy their skills in their bespecting states. Also these are no boundaires and destoiction for accessing AI databases for any country. Traditionally, underdeweloped nations claimed that new technologies ase developed in industrialized nations and outdated technologies are scrapped to developing nations, However, AI has addressed this grevience of under developed nations by promoting equality. In addition to equal access to all, fulltime avaliability of AI based systems is another poonsise. Humans Cannot work efficiently for the whole day. They sequite sest and sleep to bevive their efficiency. Poliviously, machines were said to be capable of wooking for howos but they sequised human observation which posed a great limitation to utilizations of machines. Now with intelligent machines, human observation is not bequired which means processing and operation con continue. for longer hours a secent survey by Mckinsey estimated that generative AI tools could theototically automate work that takes as much as 70% of an employees

and that AI could seplace half of workers daily work activities by 2025. Thus, fueltime avaliability of AI systems can sevolutionize industrial processes. Authough these asemany poomises of AI yet these ask many pesils of AI as well The greatest tholat of incolasing unemployment is the greatest peoul of AI. AI is adaptive to new envisonment and thus Pt con persoon repetitive tasks efficiently. Thesefore, humans employments in the fields which sequise sepertative tasks late under threat, These basic fields includes jobs like data enterg, content whiting and packaging etc. According to the data by Talentus, an American company, neasely 20% jobs were lost in 2023 due to open AI and chatapt. This is just the stast of journey and soon it will be evident that AI is major tholeat to employment woods to gldogod od at bus AI can also increase stratification between developed and developing countries To extract maximum advantages from AI, digital literacy and advanced technology are mondatory. Developing nations like Parkiston where literacy bate is just 64% even is lowest educational standards, how can one think of hope that 91 would be used by common man. Mosseaves, developing countries

technologies. Developed nations will utilize their advanced economic and human resources to adapt AI It is feared that AI scrap would be shorted with developing nations after developed world has sucked all the junce out of this technology. Hence, developed nation will advance more than developing nations and this will lead to increased stratification.

Another threat of AI is that it can reduce human association. It is common observation that with technological advancement, quality standards have decoreased in various field. For instance, it is hard to find good author nowadays although the number of authors have increased Similary, when AI would be used in education, healthcase, seseasch etc, it would read to seduced standards. AI itself is the sesuet of human coexitivity and when humans will lose this creative and cognitive abilities, how will the rewindentions and technotogies come? Thus, over dependency on AI can reduce human establishing, It is also feated that AI ray overstep its boundo bies. The use of technology makes it good got bod and not the technology itself. Humans

Date: _ Day:____ may violate, the ethical standasds for the use of technology inhat it AI sobots become future workioss 06 tools of mass destauction such a use would become existential threat to humans. The United State's Depostment of Defense ams to create autonomus fighted jets that will fight alongside men dets assume even 9¢ this décam and ambition is materialised, bobots doiven fightes jets would be disected to kiel humans what if the enemy seciptocates with the same technology? Hence, the AI have goldential to overstep ?ts boundobles. Al congelso couse data and privacy bolloch. At selies on huge on datasets To integrate this technology into common-mon life, their data from votious social media and digital platforms 9s extracted. Moseover, even if a company decides to use AI, it would have to shotle secret/information with the technology. The before, some 6 06 lates all the docta of humonity would be in hands of AI what if the data is misused of desiberaty used for some unethical purposes. What if the technology is hackedy. In 2020, the Capital one breach exposed personal data of over 100 million customers, showcasing

Date: the vulnesability of sensitive information to hadding. Hence, AI mishandling can be a tholeat to data polivacy and security. Te-6606ist con also use technology to gain their strategic goals. At promises fultime availability to everyone what if this technology gets in the hand of testosist. They will get all the scientific information to strengthen themse wes militarily AI termism would be a night mobe for humanity. These are no laws to avoid AJ tessousism. The tech notogy can be misused against any nation Thus, cestain checks shall be applied in order to fulfill the promises of AI while avoiding its peoils. First of all, quidelines should be established for the development of 94. Guidelines will setue as boundoptes and standard aperating procedures. These quidelines should exist at international level. Ethical toangwooks shall also, be developed for AI By doing so, the data of users will be protected and the technology will not be misused by ony group. The European union's General Data Protection Regulation (GDPR) sets standords for data protection, including segulations accound Ast These standards shall be followed to avoid pebils of AF Humans should also sely on

for the accountability of AI developers. It's not enough to just establish guidelines and no legal bindings to 6 that International law should also prevail in the domain of technology, Anyone or any nation who uses technology for the masin of humanity shall, be convicted. Moold is evolving around AI, if nations fail to check ets evolution, et would be destruction for humanity. Thus, laws should be developed for the proper use of AI In a nutshell, it is not the technology which is bad or good, but it is the human use which makes it bad of good. Put is now an inevitable seality because of its great potential benefits. It has portention to sevolutionise education, healtheater research and infution sectob But, vosgs over always accompanied with thoons similably, potention dangers of using AJ is also a seality. However, though cestain checks, we can seduce potential dangers to minimum. By establishing quidlines for AI development, promoting AT literacy and developing laws for6 accountability of AI developers, benefits of AJ can be seaped fully. The seal pooblem is not whether machines thank but whether mendo- B.F. Skinner.