Arficial intelligence; bane or boon. UTOOT KEK a Work on ser 1) Introduction structure 3 What is Artificial Intelligence? Gillow Artificial Intelligence is a Boon? @ Modifying existing education system and way learning increasing learning 01 autories @ Improving healthcase system through varities instant diagnosis and treatment options @ Enhancing efficiency and quality of industries through! automous manufactore Promiding instant customer support (a)and enhancing service delivery by customer epst @ Improving financial sector through Fraudulant transactions detection and optimization assessment Risk trading strategies Improving Enhancing Pronsportation system F) safety through autonomous officiency vehicles. Facilitating social media users through personalization of contents, eids and gocial connection based on their behavior and preferences



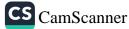
(b) Strengthening defence and security system a country by military applications and cybersecurity @ Revolutionizing agriculture through soil nutrient assessment and weather porecasting D Uplifting economy of many countries by providing employment to many peropile. How AI is a Bane? @ Increasing job replacement is contributing to unemployment and poverty D'High initial cost is required zor the development and deployment making it disadvantageous. This is counter -narrative or CONCLUSION Anti-thesis which should be at the top



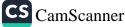
From stone tools to robots, technology is advoincing day by day. This advancemen positive and regative impacts on human lives Antificial intelligence is one of such technological advancements that has melound positive impacts on human lives facilitations human in every walk of life. It is the simulation of human intelligence processes by machines it is one of the most transformative technological imovations of the 21th century Whighelis in various disciplines like health, education, Jinance and national security. Altificial intelligence is modifying existing education system and way of learning. It improves healthcase system helping in Chiagnosis . 1 and treadment. Similarly, it also bernances efficiency and quality of industries through automotive manifactureno norequee, Astificial intelligence enhances Service delivery Aditionaly, it improves transport system afficiency and safety through the introduction of autonomous vehicles. It also facilitates social media users through personalization of eoutents, ads and solial connections based on their behaviors and prefsonces. Likewise, it strongthene defence and security applications and cybersearenty. In addition to this, artificial intelligence has revolutionized agriculture through soil nutrient deficiency assessment and weather foreasting. On the other hand, some onquest that artificial intelligence is not good pos human it contributes



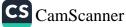
to upemployment through job septacoment. Similarly, the high initial cost yor AT development and deployment is making it disadvantageous. Towerse, it is not the fact. Astificial nerround is a boon helping manking Tis Intelligen m overy walk of life Astificial intelligence is the emulation antitut, of human cognitive processes using machines, pasticularly Computer mystems, encompassing facets such as tearning, reasoning, planning problem-solving and Knowseledge representation. It involves the field of seience and engineering dedicated to crafting machines that Verhibit intelligence, particularly in aseas live uisual perception, speech recognition, decision-making, and multilineval translation, mintroine human capabilities. The concept of creating intelligent machines has ancient roots in mythis and legends, such as the ancient Greek myin of Talos. novever, the term "artificial intelligence" was first coined my John McCarthy we recent years, the Upield has become essential to human survivable has gained significant importance in various fields, including health cases transportation, communication and economy. Artificial intelligence is modifying existing education system and methods learning through different mays Education systems are improving with application of astigicial intelligence AI-powered wistual reality and augumented reality provide ealing and unperiences helping students best leasing experiences helping students -finder stand.



Viscalization Similarly, AI tool, ChatGPT, is helping students save their time by making understand a concept in a matter of seconds-It can solve problems selated to any subject in few seconds with clear concept and great details helping students in assignment completion. Automated systems give instant feetback on assignments helping stroomts understand mistakes in seal time based on these assessment and feedback, it is easier for teachers to teach those areas where students ase weak for instance, systems like Carnegie Leaening and MATHia prouide seal-time feedback and tailored assisstance to stugents. All \_ this is the fruits of custificial intelligent dience, astigicial intelligence is making education system prove adrianced and effective through various contribution. Similarly, artificial intelligence is improving healthcase system by making diagnosil jast and providing a vasities treatment option. Artificial intelligence dlognithmis analyze niedical images such as X-rays, MRIs and CT scans to detect arromaties with high accuracy and speed. Narious AI systems and Itools provide quick and accurate diagnosis by analysing tissue samples and vast amount of medical data For instance, in Japan, Watson T correctly diagnosed a save from of leakening within 10 minutes by comparine patient's genetic's data with vast database q medical literature Moscover, AI-powered clinical Decision support Systems provide elinician with enderce-based treatment options improving treatment



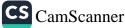
outeomes by 20% by offering personalized recommendatione based on patient date it also increases treatment voorties my acceleration the daug discovery process Robotics and At guid surgeons perform complex surgeries with ounanced precision and outcomes to instance, the Daulde Surgical system uses AI to assisst surgeons in minimally invasive surgeries, seducing secover time and complication Enanced dagnesis and better treatment options are possible due to antificial intelligence thus, artificial intelligence is beneficial to human as it improves healthcase system through speedy diagnosis and better treadment options Moreover, astificial intelligence is book as il enhances efficiency and quality of industries by optimizing manufacturing process. The goals of manufacturing pricess optimization matural seducing errors and waste, lowering energy use reducing 10% abouting and increasing output. AI powered predictive maintainance systems praict equipment failure before they occur reducing upplanned downtime similarly AT systems use machine wiston to inspect product for defects at higher accuracy and speed than human mappotoss reducing defect. This security in lesser loss incurred due to defective products. 1241 2000 At system optimize energy asage in consumption and costs in also leads to less environmental pollution. AI driven robots and automation systems handle in increased productivity and reduced Labour costs. The Loca- Cola Company



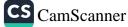
uses Robotic Process Automation to automate data entry and order processing, sesulfing in 9 40%. morease in productivity Astificial intelligence is contribution to the onhanced efficiency and quality of industries. Therefore, artificial intelligence is boon as it is enhancing efficiency and quality of industries. In addition to this, astipicial intelligence provides instant customers support and enhances service delivery by enstances chatbots contributing to human welfage. A chatbot is a software application designed to minnic human conversation through text or voice interaction to allows businesses to connect with customers in a porsonal way without the expense of human sepsementation Many issues or questions of the customer are addressed and answered without any similieant delay it has been used by many companies enhancing their service delivery 11 chatbots can handle multiple queries simultanously, ensuring autoner suppost services can scale efficiently during pack times without compromising on response quality. It is cost effective for businesser According to a seport by Juniper Research, consumer retail spend over chatbots will reach \$ 142 billion by 2024. This is all due to AI that éompanies provide instant customer suppost. Hence, artificial intelligence contributes to human welfare by providing customes support and enhanced service delivery. Likewise, aetficial intelligence improves financial sector through detetion of



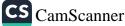
grandulant transactions, sisk assessment and optimisation of tradino strates ies benefiting manxind This is done using various AL alogrithms and models. AI alogrithms can analyse large datasets to identify indicate fraudulant activity. By studying user behaviors and transaction history, AT monitors transaction in realtime by detecting deviation from typical pattern Similarly, AI Imodels use historical data to predict Juture sisks, thereby helping pinancial institutions to make informed decisions and prepage for adverse conditions AI-driven allogsithms can execute trades at optimal times based on morket conditions, historical data and predictive analytics to can analyse news articles, social media posts, and other sources to guage market sentiment and inform trading stategies For instance, mastercard's Decision Intelligence uses AT to analyse transactions data and enhanced Frand detetion capabilities allowing banks to assess suspicious transactions on its notwork. Therefore, astificial intelligence is beneficial as it improves financial sector through detection of Fraudulant trancactions, sisk assessment and optimizing trading strategies Additionally, artificial intelligence enhances transportation system efficiency and safety by introducing autonomous vehicles making it easier for human to travel and transport joits. Autonomous vehicles employ AT to interpret sensor data and make seal-time driving decision



operating without a human. AI allogrithms analyze real-time traffic data, road conditions, and historical patterns to determine the most efficient routes, seducing travel time and fuel epsimption. This makes transportation efficient of poweked sensors and conneras detect obstactles, padestrians and other uchides, allowing autopomous vehicles to take evasive actions to prevent colligions, this also helps in enabling provertive safety measures thereby increasing safety transportation image recognition allesithm installed in these vehicles intrepts and sesponds to usual data, such as traffic signal, lane markings and obstacles unhancing efficiency and safety of transportation Tesla Autopulot uses a combination of corneras, ultrasonic sensors, and radas to nanigate and ensure safety. Thus, astificial intelligence is aduantarious for humans as it enhances efficiency and safety of transportation through autonomous repictes. In the same way, astificial intelligence is a boon because it facilitates social media users by personalizing contents, and and social connection based on the behaviors and preferences of the users. Social media are interactine technologies that pacilitate the creation, sharing and apprepation of content amongst virtual communities and networks. AI alogsithms analyze social media user behavior, such as search history, clicks and viewing time, to recommend contents. This saves uses time and every. Similarly, AI processes user data to deliver ads that match



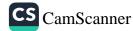
individual preferences and purchasing behavior. This helps users buy products of their choice and purchasing capacity. AI also helps were gird groups and communities that match their interests. For instance, Facebook uses AI to recommend groups, helping users to connect with right minded people and enjoy using it So, artificial interligence facilitates of contents, ads and social connections based on their behavior and preferences and is a boon. Furthersmore, artificial intelligence is 5) useful as it istrengthene defence and security and cybersecurity. Defence and security is important. For a country to survive. Many countries have employed AI in their defence and security system thereby strengthening it. AI powered drones and unmanned ground vehicles can perform surveillance, secondissance and target strikes with high precision. AI alogrithme avaluate vast amounts of data from nedia to identify threats and proveride actionable insights. Assesser, AI predicts when military equipment is likely to fail, allowing for privactive maintainance and seducing downtime. Also, AI detects and mitightes cyber threats Jastee than traditional methods by analyzing network traffic and identifying anonalies. The U.S. maitany's Ma-9 Reapor drone uses AI for sal-time decision making and target identification. Therefore, artificial intelligence strengthens defence and security of a



country by millitary applications and allersecurity Besides, artificial intelligence has revolutionized agriculture through soil nutrient deficiency assessment and weather forcasting helping in fight against poverity and food insecurity Agriculture is the main source of income of many countries contributing to their economy. Advanced sensors equiped with AI alogsething analyze soil parameters such a moistures pH, mutsient levels and temperature. This data selated to soil health helps garmers make informed decisions about impation and gertilization because every cosp and seed has their unique optimum fertilization regulirements. AI models analyze historical weather data and current atimospheric conditions to predict weather pattern. allowing jarmers to take preventive measures to pretent crop damage resulting in high gields. Precision agriculture enabled by AI (can mosease crop yields by 20-30%, according to a repost by Mckinsy and Company Such southing in agriculture is possible only due to NI. Hence, artificial intelligence has revolutionized agriculture through soil parameters assessment and weather grocasting benefiting many formers. last but not the least, astificial intelligence is good for it is uplifting economy of many countries by providing endployment to their citizens of this technological era, advancement in technology, specially AI, is necessary for survival and global competition AI development and deployment escal jobs for data scientists, AI researchers, machine



leasning engineers, and AI ethicists. These roles are necessary for designing, training, and maintaining AI system. The need for AI Skills encourages educational institutions to offer specialized courses, leading to job oppositunities in teaching and training. At can be employed in various fields and sectors criciting jobs for AI specialist Jor sunning if All this leads to economic uplift q 9 country. According to Price Waterhouse and Coopers, AI could contribute up to USD 15.7 trillion to the global economy by 2030, boosting global GDP my up to 14 %. Thus. astificial is uplifting the economy of many countries by providing employment to their citizens thereby benefiting humans. However, some argue that artificial intelligence is not a boon as it has sesulted in increased job replacement leading to imemployment and powerty. AI has replaced human beings as laboren with machines in sepetitive and manual tasks. AI is reducing need for human agents. AI is contributing to job polarization where middleskill jobs are disappearing. Drivers are affected by AI-driven autonomous vehicles. This leads to increase unemployment and poverty. However, this is not true as AI has been contributing to economic growth of many countries by providing jets helping to gight unemployment and powerty. According to woold Economic Forum, AI is expected to creat 97 million new jets by 30215. This report shows that how AI is helping to gight unemployment and poverty through areation of such huge



M amount of Jobs. Hence, AI is creating jobs and employment opportunities for the people. Morequer, artificial intelligent deployment and development has high initial cost making it disadvantagons. This initial cost is a barries for many countries to get benefits from AI technology this affects smaller businesses or organizations with limited budget as hiring skilled data scientists and engineers and building infrastructure is very costly. However, this is far from reality as many AI tools and gramewooks are available for gree or at low cost such as TensorFlow, Pytorch et these are costain platforms, like Cloud computing, that provide AI services on a pay-as-you-go basis, reducing the need for heavy apport investment in hardware and inforstructure. This shows that the initial cost of AI is not high and is not a barrier to its deptoyment. Hence, artificial intelligence is not disadvantagous due to its high mitial cost as it has low initial cos and is a boon for human beings. To conclude, it can be said that artificial intelligence is advantacious in many ways as it influences every sphere of human life Many opine that AI is not ovantageous as it has resulted in Tob seplacement increasing imemployment and powerty Similarly, the high initial East of AI deployment and development is making it disadvantageous. However, it is not true as AI has resulted in many jobs creation, and is cost effective. AI is modifying



(12) existing system of education and way of learning improving learning onteoms. A'I improve healthcase system through instant diagnosis and wide treatment options. Similarly, AI is enhancing efficiently and quality of industries through outonotive manufacture Besides, 4I provides instant customer support and fast service delivery by customer enabots in addition to this, AI enhances transportation system efficiency and safety through the introduction I of autonomous vehicles Moreover, AI strengthens defence and searching of a country by military applications and cybersecurity. Forthermore, AI is revolutionizing againstare through soil deficiency assessment and weather fore casting. AI is increasively influencing human day-to-day affairs. Like every other technological advancement and innovation, AI is humanited and innovation, AI is also benefiting mankind making Here lives easy and confortable Tech-nological advancement is alway meant for the welfare of human. Avoiding ite misuse, every innovation can bring ease and prosperity to human lives. 21 14 severe laws to a consister and i i different company thought in a Sector De I a the succession is a succession

