ENGLISH ESSAY

"ARTIFICIAL INTELLIGENCE IS NOT ALL EVIL — IT CAN PROMOTE SOCIAL GOOD TOO."

Outline:

I- Introduction:

(i) — Definition of AI - Artificial Intelligence. *[No definitions in intro]*

(ii) — Thesis statement: Artificial intelligence has the potential to promote social good in healthcare, education and industrial domain sectors. Besides its perceived negative aspects as an evil entity, the applications of artificial intelligence are endless. Proper steps can ensure its Positive use *[No need to mention the details in T.S] [But] [Overview/synthesis paragraph?]*

II- Main Body: *[Don't write main body in outline] [The headings should relate to topic]*

i- AI in health care:

1- Personalized treatment and medicine precision *[Separate argument]*

2- More efficiency and accuracy in diagnostics

3- Remote monitoring of patients *[→ That's not a social good] [falls in 2]*

4- Rapid and accurate detection of tumors.

ii- Artificial Intelligence in Education: *[How does this heading relate to topic]*

1- Efficient and modest learning experience

2- Workload reduction of on teachers.

3- Research and technology

4- Personalized courses and tutorials.

5- Meaningful and immediate feedback system *[These are benefits not social good. These help enhance education system, or help teachers or students individually.]*

iii - Artificial Intelligence in industrial automation:
  1 - Defect Detection and predictive analysis
  2 - Tool Quality control and quality assurance ~excellent~
  3 - Process optimization
  4 - Personalized customer experience

iv - Artificial Intelligence in media and entertainment:
  1 - Game designing and features.
  2 - Movies editing
  3 - Sound and effects in videos ~Excellent~
  4 - Personalized recommendations based on interest.
  5 - News distribution and fact check.

V+ Artificial intelligence in information technology:
  1 - Artificial intelligence driven chat-bots
  2 - Virtual assistants for various companies
  3 - Cyber security   elaborate
  4 - Software development

VI - Artificial Intelligence in social welfare: That's the topic
  1 - Help in Transport and travel
  2 - Help in Food tech → so vague & unclear
  3 - Help in Real estate
  4 - Less human labor.   How does that help humans.

II - Conclusion.

Evil Side?

Way Forward to control
Evil Side?

Very one dimensional approach. Conceptually social the difference b/w good & Benefit has not been distinguished

THE ESSAY:

→ *Indent at the beginning of paragraph*

"AI is likely to be either the best or worst thing to happen to humanity" — Stephen Hawking. [Artificial *No definitions* Intelligence (AI) refers to the stimulation of human intelligence into machines that can think like humans and can mimic their actions.] It also includes machines to exhibit traits of human mind like problem solving and learning. Applications of artificial intelligence are endless, in a sense that, it is evolving, and replacing human activity in many sectors. Artificial intelligence is being used in healthcare, education, industrial automation, media and entertainment, information technology and in social welfare. which increases the efficiency and accuracy of the processes involved. The use of artificial intelligence market is projected to grow to $312.4B USD by 2027, according to ReportLinker. The rising trend in the market is because of the use of AI and internet of things (IOT). This essay highlights the major industries using AI and supports the stance that AI is not all evil — it can promote good too.

Firstly, Artificial intelligence is used in health care sector. It offers revolutionary advancements that enhance diagnostic accuracy, treatment efficacy and patient care. Through machine learning algorithms and data analytics, AI can analyze vast amounts of medical data to identify patterns and enables personalized treatment plans tailored to individual patient needs, leading to better healthcare outcomes and reduced healthcare costs. Moreover, using algorithms, doctors can diagnose diseases with greater precision and efficiency. Scientists also use artificial intelligence for blood sampling and processing

Teacher's annotations (in red):
- No Structure to intro.
- Hook's not linked to the context
- No gist of outline
- No thesis statement
- *These words relate to performance not to social good*
- *No facts in intro*
- *The discussion is not where it is used*
- *Directly address the argument* ^Topic sentence
- Too many points in one paragraph
- Outline indicates there will be 4 paragraph on healthcare as one sub-heading = one paragraph
- *raise*
- *unnecessary detail*
- *medicine is always prescribed on individual*
- *Not the point*
- *not social good*
- ^(No evidence for the first point discussed?)
- *separate point*

The outbreak of COVID-19 pandemic was unarguably the biggest catastrophe in 21st century but with the help of AI-gene empowered tools, the vaccine discovery of this deadly dis virus was accelerated - from detecting COVID-19 to limiting the spread, reducing the workloads from health workers to creating its vaccine, AI has adequately catered to public health needs. Likewise, remote monitoring patients who can't visit the hospital is also empowered by AI facilities management particularly for chronically ill or elderly patients. Furthermore, AI has also enabled the doctors to efficiently detect the tumors, the program is set on the machine which detects the white glands indicating the tumor and then enabling the doctors and surgeons to ef remove it.

Secondly, AI-driven technologies offer transformative opportunities to enhance learning experience, and address the student's problems, and Students and also teachers con get the information regarding their subjects available online. The teachers' workload has been reduced, when in the back 90's they had to go to the library to get the distred desired book and the search through the topics, now AI has made it easy for them. And similarly it provides platforms for research and technology. & It offers personalized courses and tutorials. AI assists educators in curriculum development, assessment and grading and administrative tasks. Lynch in EdAdvocate writes, "AI doesnd detract from classroom instruction but rather enhances it in many ways." Additionally, AI was enabled meaningful and immediate me feedback system where one doesnot feel shy to receive criticism and can improve for better. Overall, AI ultimately helps educators make continued progress in addressing the broad range of

physical, cognitive, academic, social and emotional factors [Irrelevant to the topic] that can affect student learning and ensure that all students have equal opportunity in education, regardless of their social class, race, gender, ethnic backgrounds.

Thirdly, artificial intelligence plays a significant role [Its irrelevant where AI plays a significant role. That's not the topic neither the argument!] in industrial automation, revolutionizing traditional manufacturing processes and improving efficiency, productivity and decision-making. First, AI algorithms can scour analyzed the data, equipment performance metrics and previous maintenance records to predict the machine or its failure components' failure. This enables proactive maintenance scheduling and allowing the organizations to address maintenance needs before equipment failures occur. Second, AI-powered computer vision systems can analyze images or video streams from cameras placed in the manufacturing processes. These systems can identify the defects or deviations from the standards. By implementing the machine learning algorithms, AI system improve can continuously improve their accuracy in detecting defects. and ensure real-time quality control and reducing the need for manual inspection. Third, AI algorithms can [That's the third argument. same paragraph] analyse large volumes of data from the sensors, its [Irrelevant. No Structure Involvement] production lines and supply chains. By identifying the patterns, their correlation and inefficiencies in data, AI systems can optimize the process parameters and suggest improvements to overall manufacturing operations. This AI based process optimization lead to reduced waste and enhanced resource utilization. Fourth last [circled] but not the least, AI-driven tools offer personalized customer experience in industrial automation by tailoring interactions and services based on individual preference. This enhances customer engagement, loyalty and satisfaction.

[Concluding sentence]

Fourth, the services of artificial intelligence in IT sector are limitless. AI driven chatbots provide instant assistance, guiding the individuals in their relevant according to their needs. These chatbots are available 24/7 and can handle multiple queries simultaneously. likewise Whenever we have a query related to a specific company, on their webpage there is a chatbot or a virtual assistant available to answer that. **LeanIX** is an AI assistant that boosts productivity and effectiveness while ensuring that the confidential data remains secure. Amazon uses AI for product recommendations, fraud detection, and Alexa, their virtual assistant. They also provide AI services through Amazon Web services (AWS), including machine learning services and AI apps development tools. Additionally, AI has increased cyber security by detecting and responding to threats in real-time, It can identify patterns in data that may indicate a cyber attack and take preventive measures. Moreover, the recent development in software is also because of artificial intelligence. that includes code generation, bug detection, photo or video generation using prompt. The Remini application is a picture developing and editing application that is based on AI-driven tools. It takes prompt from a user to generate the desired picture. Similarly Adobe lightroom, Photoshop, PikArt, Snapseed also includes AI-driven tools that not only enhances the picture quality but also transforms it into the desired picture.

Fifth, artificial intelligence is now increasingly in media and entertainment sector. AI elevates game design by improving non-player characters (NPCs) and refining mechanics, creating realistic and challenging levels that enhance the player's experience. PUBG is

one of the famous game - AI creates formidable opponents for heightened immersion of gameplay and engaging gaming journey. Moreover AI based tools are used in media industry when producing and directing a movie. These includes more realistic effects and editing that creates high-impact on the audience. An example of sci-tech movie is OASIS that included a 3D virtual reality experience for audience and also indulges the players in the movie to experience realistic scenes. Similarly, these AI-tools are also included in video editing in drama industry. Also the mobile applications like cap-cut offers a user-friendly experience for the users individuals. The app edits and add effects on the plain video making it appealing and can also add the desired music to it searching worldwide. The Artificial Intelligence also provides specific personalized recommendations based on the interest of an individual which is just a click away from them. Once you press the like option to a certain video or podcast, it will sample, and cuts and provide you with all the related videos to. Similarly, journalists can now use AI in media production processes. They can gather data content as well as compose and distribute at the click of a button. AI auto-generates the social media content across channels and helps in social media ads. Since the internet is teeming with "fake news", making it difficult for the audience to identify fact from fiction, AI enables consumers to provide a quick fact check. One example is Google's search Algorithm update in 2017, designed to put a stop to the spread of fake news and hate speech. The more websites that are "fed" into its algorithm

the more accurate it becomes and as it continuously "learns" over time. Thus, artificial media intelligence in media is now increasingly being used and is continuously being made efficient.

Last but not the least, artificial intelligence empowers travel companies to offer ~~real time updated~~ and personalized recommendation based on location and budget. Acting as a virtual tour guide, it suggests hidden gems like cozy cafes, scenic viewpoints, enhancing the travel experience. to AI-based chatbots play a pivotal role providing booking assistance to the travelers ensuring their timely ticket booking. AI-based tools, similarly, help in food tech by quality control and inspection, menu customization in restaurants, and providing a complete diet plan ~~based on individuals.~~ ~~eating habits and working status~~ ~~required~~ ~~or~~ also analyze client information such as past purchases, preferences and browsing history and make particular meal recommendations. Similarly, in real estate, AI automates the property management operations by reducing the errors, and enhancing the efficiency. Machine learning algorithms analyze diverse datasets to pinpoint prospects based on demographics, online behavior and property preference of individual. Moreover, artificial intelligence has reduced human labor by introducing the robots in real-time that multi-tasks in different domains.

In conclusion, summing up. while AI is often portrayed in a negative light, it ~~is not~~ inherently evil; rather it has the potential to ~~promote~~ social good and advance human well-being across various domains. from healthcare and education to ~~media~~ and social services, AI offers transformative opportunities to address societal challenges and improve quality of life. Thus, by leveraging its power responsibly and collaboratively, we can create a more sustainable and prosperous future for all.

Not social welfare and neither related

Social Welfare & Social Good are same and they include things that benefit society as poverty eradication, environmental conservation e.t.c.

Repeatition

Conclusion

Insufficient for a 2500-3000 word essay

	Category	Total marks	Obtained marks
Content	Qualitative analysis	10	0
	Quantitative analysis	10	0
	Validity & Reliability	10	0
	Relevance	10	0
Language	Sentence structure	5	1
	Vocabulary	5	1
	Clarity	5	1
	Command of language	5	1
	Expression	5	0
Structure	Outline	5	1
	Introduction	5	1
	Body paragraphs	5	0
	Conclusion	5	1
Coherence	Cohesion	5	0
	Coherence	10	0
	Total		7