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APPLICATION OF AI IN EVERYDAY LIFE

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Abstract:

This review paper comes up with an overview of the role of AI in everyday life. As AI has become an vital role in everyday life, transforming the way we work and communicate. This abstract explores the impact of AI on our daily lives. Emphasizing its presence in various sectors such as education, entertainment, transportation, and healthcare. AI also plays a vital role in healthcare by early detection of disease and help to recover patient care. This paper helps us to highlight the role of AI in everyday life. AI in everyday life is not just a technological advancement but a societal shift that needs thoughtful consideration and ethical guidance.

Keywords: Artificial intelligence, Healthcare, Automation, Personalization, Virtual assistant

Introduction:

Artificial intelligence has integrated itself into our daily lives, becoming a silent yet powerful presence that enhances and streamline various aspects of our lives. Our lives have been transformed after the beginning of the digital era. This period has transformed our lifestyle, working and learning. From the moment we wake up to the time we rest AI technologies work tirelessly behind the scenes shaping our interaction and experience in countless ways. In this era technology smart phones have become personal AI companion offering voice activated assistant that responds to our commands search the web set reminders and even engage in casual conversations. Social media use AI to accurate our news feed suggesting content that align with our preference and behavior. In the world of e-commerce, a recommendation system analyzer online habits to offer personalized product suggestion transforming the way we shop. AI makes it easier for users to communicate and locate with friends and business associates. Another example of the AI image generator act where the textual description of the imaginary scenes needs to be supplied as the input egg meaning yeah another. AI Generated text to image also known as text based image is a method of using machine learning algorithms to generate image from text. AI has the potential to revolutionize in everyday life. AI has denoted advancement with innovation in both technical and theoretical manner this review paper focus to provide an overview of the role of AI in everyday life during the digital era.

Literature Review:

AI is changing and growing constantly. AI in everyday life can provide the impact and application of artificial intelligence in various domains. AI in healthcare, is transforms healthcare through diagnostic tools and personalized treatment recommendation.AI in education, is being used for personalized learning adapting educational content to individual students needs. AI offers several benefits including accuracy productivity and increase efficiency. It can optimize process and enables faster decision making and automate routine task. AI can also provide the prediction based on data analysis leading to better outcomes and results in future. The main challenge of AI is bias in algorithms. The size of data sets for algorithm training and quality of their data.

Methodology Used:

This review paper used a synthesis and a systematic literature review to examine the existing literature on the role of AI in everyday life during the digital era. This has been evaluated by reviewers who search results and extract data and sum up all the information and describe the findings.

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Conclusions:

Artificial intelligence has become and indispensible and transformative effect in our every day lives, how we live, work, and interact with others.AI has made significant roles into various expect of our existence. It has improved efficiency, convenience and effectiveness of many processes from education and healthcare to entertainment and transportation. The integration of AI into everyday life also rise important privacy ,ethical and societal concern as AI system become more addressing issues such as data privacy algorithmic bias and the impact on industries and employment is paramount.

As AI continues to evolving and growing its role in our daily lives will expand, offering challenges and opportunities.AI has potential to shaping a future where AI truly enhance our quality of life while respecting our societal needs and individual values.

Future Scopes:

Future scope of AI in everyday life is incredibly promising with ongoing advancement and innovation have a impact on various aspect of our daily routines. Healthcare: AI will continue to play a vital role in disease diagnosis personalize treatment plans. Autonomous vehicles: self driving cars will become more in use, improving safety, reducing traffic. Education: AI driven personalize learning platforms will become more important, AI tutors may provide on demand assistance. Smart homes: Homes will you become smarter with AI controlled security and energy management. Entertainment and creativity: AI generated music art and content. Workplace automation: refers to use of technology especially artificial intelligence to perform various task and to continue work in a working environment that were previously carried out by humans. Chat box and virtual assistance: these AI driven system can handle customer inquiries, provide information, reducing the workload on human customer service agencies. While workplace automation can lead to increase productivity and cause saving. It also rise concern about job. Many job that are highly repetitive and rule based for automation .As a result workers need to adapt new skills to remain competitive in the job sector.

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