

# A Survey on Applications of Artificial Intelligence in Daily Life Recent Technology Trends In Computer Technology

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**Abstract:** *Artificial Intelligence (AI) has become an integral part of modern life, influencing various daily activities through intelligent systems and applications. This study presents a survey-based analysis of the applications and impact of Artificial Intelligence in everyday life. Data was collected using a structured Google Form questionnaire from participants belonging to different age groups. The survey focused on awareness of AI, frequency of usage, commonly used AI applications, perceived benefits, and opinions on the future importance of AI. The results indicate a high level of awareness and frequent use of AI-based applications, particularly among younger individuals. Recommendation systems, virtual assistants, and navigation tools were identified as the most commonly used applications. Most respondents agreed that AI makes daily life easier, with education emerging as the sector benefiting the most from AI. However, mixed opinions were observed regarding AI's potential to replace human jobs. The study concludes that AI plays a significant role in enhancing convenience and efficiency in daily life, while highlighting the importance of responsible and balanced adoption of AI technologies.*

**Keywords:** Artificial Intelligence, AI Applications, Daily Life, Smart Technology, Automation, Survey Analysis

## I. INTRODUCTION

Artificial Intelligence (AI) has rapidly evolved from a theoretical concept to a practical technology that influences nearly every aspect of human life. By simulating human intelligence, including learning, reasoning, and decision-making, AI systems can perform tasks that were previously thought to require human intervention. In daily life, AI has become an invisible yet indispensable part of activities ranging from personal communication and healthcare to education, transportation, and entertainment.

The integration of AI in smartphones, virtual assistants, and smart home devices has made routine tasks more efficient and personalized. In healthcare, AI assists in early diagnosis, predictive analysis, and patient monitoring, improving both the quality and accessibility of care. Educational platforms leverage AI for adaptive learning, automated grading, and personalized recommendations, while AI-driven transportation systems optimize traffic management, navigation, and autonomous vehicles. Even entertainment and social media platforms utilize AI to offer personalized content recommendations, enhancing user experience.

Despite its advantages, AI also brings challenges such as privacy concerns, ethical dilemmas, and over-reliance on automated systems. Understanding both the benefits and limitations of AI in daily life is crucial for responsible adoption. This paper surveys the current applications of AI in everyday activities, highlighting key areas, emerging trends, and potential future directions for research and development.



## II. METHODOLOGIES

This study adopts a descriptive survey-based research methodology to analyze the applications and impact of Artificial Intelligence (AI) in daily life among internet users. The primary objective of the methodology is to collect first-hand data on AI awareness, usage patterns, and user perceptions.

**Research Design:** A quantitative research approach was employed using an online questionnaire designed through Google Forms. The survey method was selected as it enables efficient data collection from a diverse group of respondents within a short period of time.

**Data Collection Tool:** The questionnaire titled “A Survey on Applications of Artificial Intelligence in Daily Life” consisted of structured and multiple-choice questions, along with one optional open-ended question for qualitative feedback.

The questionnaire covered the following areas:

- Demographic information (age group)
- Awareness of Artificial Intelligence
- Types of AI applications used in daily life
- Frequency of AI usage
- Perception of AI’s role in making daily life easier
- Areas benefiting most from AI
- Views on the future importance of AI
- Opinions on AI replacing human jobs

**Sampling Technique and Sample Size:** A convenience sampling technique was used to collect responses from participants who were easily accessible and willing to participate. A total of 32 valid responses were collected from respondents belonging to different age groups, with a majority from the 18–25 years category.

**Data Collection Procedure:** The Google Form was shared digitally through online platforms such as messaging applications and email. Participation was voluntary, and respondents were informed that their responses would be used solely for academic and research purposes. No personally identifiable information was collected, ensuring respondent privacy and confidentiality.

**Data Analysis Technique:** The collected data were automatically summarized using Google Forms’ built-in analytical tools, which generated pie charts and bar graphs for each question. The results were analyzed using percentage-based analysis, making it easier to interpret trends related to AI usage and perceptions.

**Ethical Considerations:** Ethical standards were maintained throughout the research process. Respondents participated willingly, and anonymity was preserved. The data collected were used strictly for academic research, with no manipulation or misrepresentation of results.

## III. LITERATURE REVIEW

Artificial Intelligence (AI) has become an integral part of modern daily life, transforming the way individuals interact with technology and access services. The literature highlights that AI refers to intelligent systems capable of perceiving their environment, learning from data, and making decisions to achieve specific goals. Researchers note that AI applications are widely visible in personal assistants and communication tools, where technologies such as natural language processing and speech recognition enable virtual assistants and Chatbot to perform everyday tasks efficiently. Studies also emphasize the significant role of AI in healthcare, particularly in medical diagnosis, disease prediction, remote patient monitoring, and drug discovery, where machine learning algorithms enhance accuracy and reduce human effort. In the transportation sector, AI-driven navigation systems and autonomous vehicles improve route planning, traffic management, and travel safety. Smart home technologies further demonstrate AI’s daily impact by automating lighting, security, and energy management based on user behaviour. Educational research shows that AI supports personalized learning through intelligent tutoring systems, automated assessment, and learning analytics, thereby improving student engagement and performance. In finance and e-commerce, AI is extensively used for fraud



detection, credit risk analysis, and personalized product recommendations, leading to improved efficiency and customer satisfaction. Entertainment and media platforms also rely on AI-based recommendation systems to tailor content according to user preferences. Despite these benefits, the literature consistently points to challenges such as data privacy, algorithmic bias, lack of transparency, and potential job displacement due to automation. Overall, existing studies conclude that while AI significantly enhances convenience, efficiency, and personalization in daily life, responsible development and ethical governance are essential for its sustainable and beneficial use.

**IV. RESULT AND DISCUSSION**

This section presents the findings obtained from the Google Form survey titled “A Survey on Applications of Artificial Intelligence in Daily Life”, which collected responses from 32 participants.

**Demographic Profile of Respondents**

The age-wise distribution of respondents is shown in Figure 1. The majority of participants belonged to the 18–25 age group (56.3%), followed by respondents below 18 years (31.3%). A smaller proportion belonged to the 26–40 age group (9.4%), while only a few respondents were above 40 years. This indicates that the survey largely represents the views of young users who are more exposed to digital technologies.

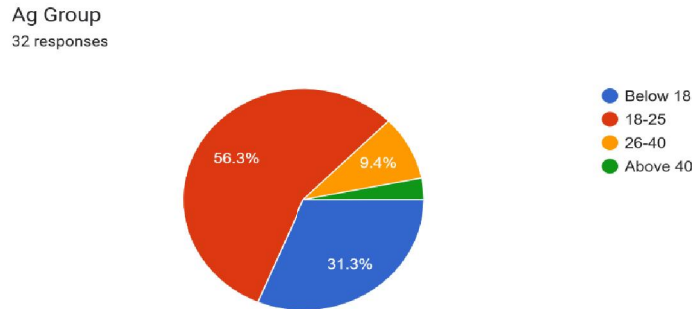


Fig:1. Age group distribution of respondents

**Awareness of Artificial Intelligence**

As shown in Figure 2, a very high percentage of respondents (93.8%) reported that they are aware of Artificial Intelligence, while only 6.2% indicated no prior awareness. This demonstrates widespread familiarity with AI concepts among internet users.

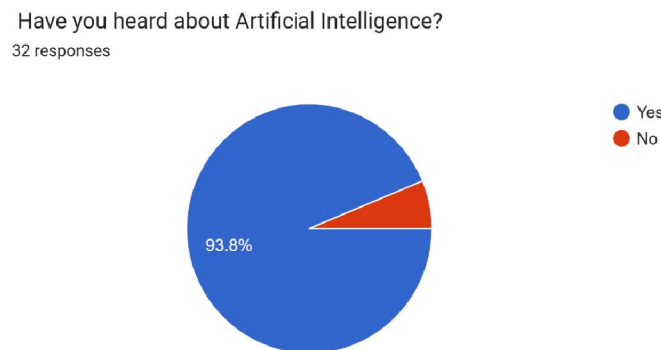


Figure 2: Awareness of Artificial Intelligence among respondents



### Daily Use of AI Applications

Figure 3 illustrates the AI applications used by respondents in daily life. The most commonly used AI-based services were YouTube/Netflix recommendations (68.8%), followed by voice assistants such as Google Assistant, Siri, and Alexa (56.3%). Other applications included online shopping recommendations (31.3%), Google Maps (18.8%), and face recognition features (12.5%). Only a small percentage reported using AI chatbots regularly.

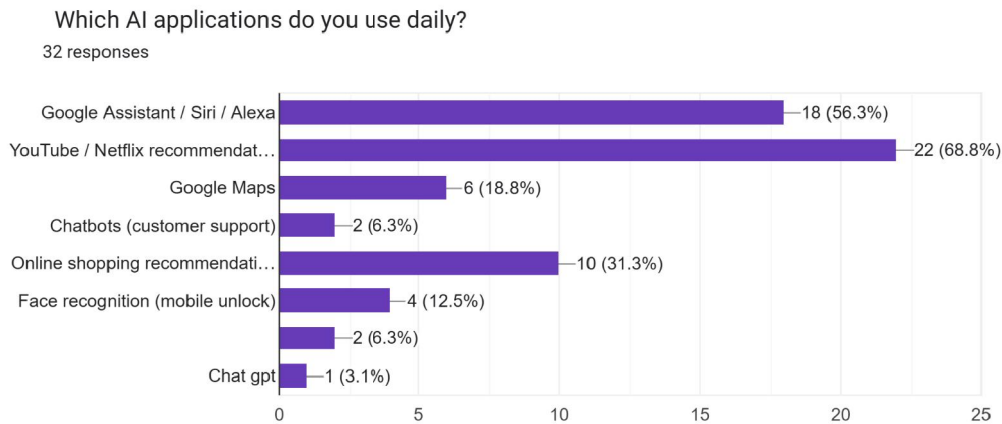


Figure 3: Common AI applications used in daily life

### Frequency of AI Usage

According to Figure 4, 75% of respondents use AI-based applications daily, while 12.5% use them sometimes, and 12.5% use them rarely. None of the respondents selected “never,” indicating that AI has become an integral part of everyday activities.

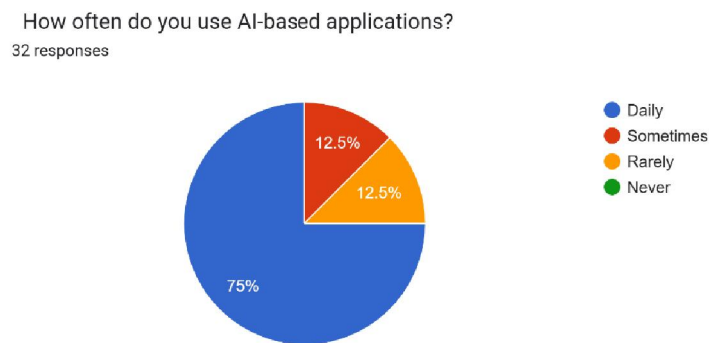


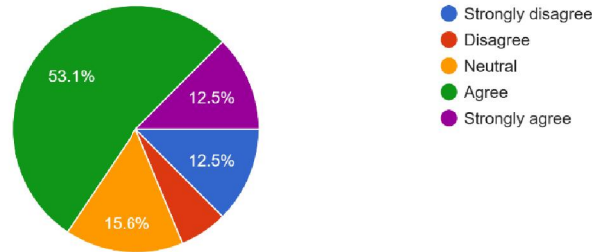
Figure 4: Frequency of AI-based application usage



**Perception of AI in Daily Life**

Figure 5 shows respondents’ opinions on whether AI makes daily life easier. A combined 65.6% of respondents either agreed or strongly agreed with this statement. However, a small percentage expressed disagreement or neutrality, reflecting mixed perceptions regarding AI dependency.

AI makes daily life easier.  
 32 responses

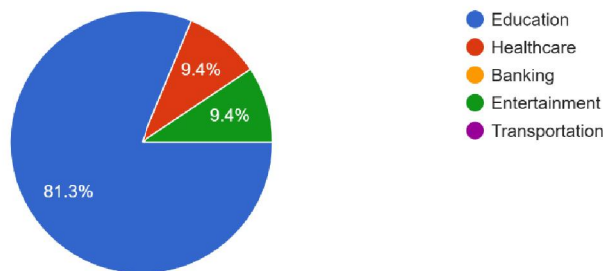


**Figure 5: Respondents’ perception of AI improving daily life**

**Areas Benefiting Most from AI**

As shown in Figure 6, Education (81.3%) was identified as the sector benefiting most from AI, followed by Healthcare (9.4%) and Banking (9.4%). This highlights the significant role of AI in learning and academic support systems.

Which area benefits most from AI?  
 32 responses



**Figure 6: Sectors benefiting most from AI applications**

**Future Importance and Job Impact of AI**

Figure 7 indicates that 58.1% of respondents believe AI will become more important in the future, while 32.3% were uncertain. Additionally, Figure 8 shows that 40.6% believe AI may replace human jobs, 37.5% responded “maybe,” and 21.9% disagreed.



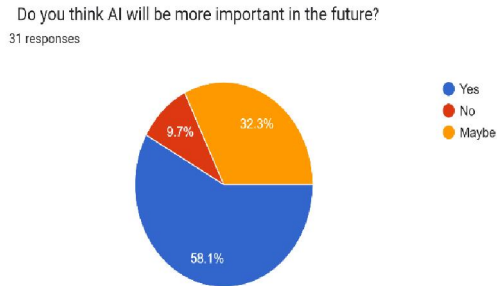


Figure 7: Perception of AI's future importance

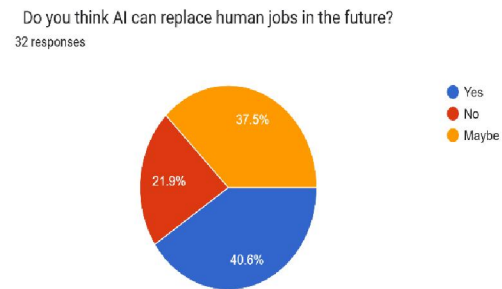


Figure 8: Opinion on AI replacing human jobs

## V. CONCLUSION

The survey highlights that Artificial Intelligence is widely known and regularly used in daily life, especially among younger individuals. Most respondents use AI-based applications such as recommendation systems and virtual assistants on a daily basis and believe that AI makes life easier. Education was identified as the sector benefiting the most from AI. Although participants generally agreed that AI will become more important in the future, opinions were mixed regarding its ability to replace human jobs. Overall, the study concludes that AI plays a significant role in modern society, offering convenience and efficiency, while emphasizing the need for responsible and balanced adoption.

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I hereby declare that all the information provided in the respected paper is authenticated, authorized and hence reliable. I would like to thanks all the viewers and readers of this paper for their precious time.

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