

A Review on Voice Assistants in Our Daily Life

Adithi, Adith P Kotian, Afran Sayyed Karim, Abubakkar Siddiq

Students, Department of Computer Science and Engineering
Alva's Institute of Engineering and Technology, Tenkamijar, Karnataka, India

Abstract: *A voice assistants is a computerized right hand that utilizes voice acknowledgment, language handling calculations and voice blend to pay attention to explicit voice orders and return significant data or fill explicit roles as expected by the client. Lately Artificial Intelligence(AI) has shown critical advancement and its true capacity is growing. AI has turned into an impression in this day and age. Individuals of this world has accepted AI as their piece of life, and it is filling quickly in the present period. One of the utilization of AI is Natural Language Processing(NLP). Voice aides join AI by utilizing distributed computing and can speak with client in Natural language. This paper assists with concentrating on the job of voice assistants and furthermore to concentrate on how they are valuable in everyday life.*

Keywords: Artificial Intelligence, Voice Assistants.

REFERENCES

- [1]. George TERZOPOULOS, Maya SATRATZEMI Department of Applied Informatics, University of Macedonia, Thessaloniki, Greece Email: gterzopoulos@uom.edu.gr, maya@uom.edu.gr:- Voice Assistants and Smart Speakers in Everyday Life and in Education
- [2]. Song, Y. W. (2019). User acceptance of an artificial intelligence (AI) virtual assistant: an extension of the technology acceptance model (Doctoral dissertation).
- [3]. Druga, S., Williams, R., Breazeal, C., Resnick, M. (2017). Hey Google is it OK if I eat you?: Initial explorations in child-agent interaction. In Proceedings of the 2017 Conference on Interaction Design and Children (pp. 595–600). ACM. DOI: 10.1145/3078072.3084330
- [4]. Rzepka, C. (2019). Examining the Use of Voice Assistants: A Value-Focused Thinking Approach. 25th Americas Conference on Information Systems, Cancun, 2019.
- [5]. Knote, R., Janson, A., Söllner, M., and Leimeister, J.M. 2019. "Classifying Smart Personal Assistants: An Empirical Cluster Analysis," in Proceedings of the 52nd Hawaii International Conference on System Sciences, Maui
- [6]. Glass, J. 1999. "Challenges for Spoken Dialogue Systems," in Proceeding of the 1999 IEEE ASRU Workshop
- [7]. Humanizing voice assistant: The impact of voice assistant personality on consumers' attitudes and behaviors- Atieh Poushneh California State University-Bakersfield, School of Business and Public Administration, Management and Marketing Department, USA
- [8]. Dillon, T. (2018). Creating an Alexa-Enabled Textbook Exercise: An Easy Approach to Custom Automatic Speech Recognition Application. KOTESOL Proceedings 2018, 259.
- [9]. Gnewuch, U., Morana, S., and Maedche, A. 2017. "Towards Designing Cooperative and Social Conversational Agents for Customer Service", in Proceeding of the International Conference on Information System, Milan.
- [10]. Juang, B.-H., and Rabiner, L.R. 2005. "Automatic Speech Recognition-A Brief History of the Technology Development," in Encyclopedia of Language and Linguistic, K. Brown (ed), Elsevier.
- [11]. Number of digital voice assistants in use worldwide from 2019 to 2024 (in billions)*- [https://www.statista.com/about-us/our-research-commitment/2678/federica-laricchiaalan.app :alan.app>blog>voic eassistant-2](https://www.statista.com/about-us/our-research-commitment/2678/federica-laricchiaalan.app%3Aalan.app%3Ablog%3Avoice-assistant-2)
- [12]. Alexa, how popular are voice assistants these days? By Dr. Tim Sandle Read more: <https://www.digitaljournal.com/tech-science/alexa-how-popular-are-voice-assistants-these-days/article#ixzz7Q9XckX1y>