**VIRTUAL ASSISTANT**

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**Abstract**

Around the world today, people are making use of Virtual tools to simplify their lives. One among them which carry out all the tasks specified is Virtual Assistant. It is an application program that [understands Natural language](https://searchenterpriseai.techtarget.com/feature/Natural-language-processing-drives-conversational-AI-trends) voice commands and uses Pattern matching algorithms to figure out the user intent. Thereafter it uses the Neuro-linguistic programming technique to respond back. As the interaction between Human Computer is getting closer it is predominant to study the working of it. So in this paper, I talk through the Birth of Virtual Assistants to examine the current system, Method of interaction to respond, Principles that build up an Assistant, The three primary layers for task completion, Prominent Virtual Assistants, and much more. Virtual Assistants have gotten pretty good at simulating human conversations. But howsoever it consists of some cons too. As a whole Virtual Assistant is nearly like a skilled Secretary. They get trained with more and more usage and at times they become intelligent. So this paper elaborately explains the concepts of Virtual Assistance.

**Keywords**

Eliza, Artificial Intelligence, Natural language processing, Siri, Alexa, Cortona, Timing and accuracy, Available applications.