

Jarvis – Voice Assistant for Desktop

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Abstract: *Voice assistants have revolutionized human-computer interaction by providing hands-free and intelligent automation. Jarvis, an AI-powered desktop voice assistant, enhances productivity by executing commands through natural language processing (NLP), speech recognition, and AI-driven automation. Users interact with Jarvis via simple voice commands such as “Open Google Chrome,” “Set an alarm,” or “Check my internet speed.” Using machine learning algorithms, Jarvis continuously refines responses, adapts to user preferences, and automates repetitive tasks. The assistant integrates desktop control, web searches, system monitoring, file management, and communication handling into a unified voice-driven experience..*

Keywords: Voice Command Processing, Task Automation, AI-Powered Learning, System Integration