

AI-Powered Chatbots and Web Automation

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Abstract: *Artificial intelligence (AI)-powered chatbots are becoming a crucial component of web automation, personal help, and customer care since AI has revolutionized digital interactions. The creation and implementation of intelligent chatbots intended to automate web-based procedures are investigated in this study. We offer a thorough examination of existing approaches, the technologies at play, the difficulties, and a functional prototype to illustrate the useful applications. The paper concludes by discussing the findings, pointing out its shortcomings, and outlining possible future research avenues.*

Keywords: AI Chatbots, Web Automation, Natural Language Processing (NLP), Selenium, Puppeteer, Machine Learning, Task Automation, Conversational Agents, Intelligent Systems, Rasa Framework, Automation Scripts, Human-Computer Interaction, Deep Learning, Workflow Optimization, Smart Assistants

