

IGNITERS HACKATHON
Python Automation SUBMISSION
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I built a python automation tool using selenium to auto-fill g-forms with hospital ER data from csv. Field mappings are kept in a config file for flexibility and random delays simulate human input. Special logic handles dropdowns and satisfaction scores dynamically using javascript clicks because the dropdown and options have completely different attributes. This tool improves speed, accuracy, and consistency when submitting large datasets, making it practical for real-world reporting where timely and error-free data entry is critical.

I chose selenium because g-forms is highly dynamic and relies heavily on JavaScript to render fields and handle user interactions. It isn't like basic http libraries, selenium can fully load and interact with these dynamic elements just like a real user including dropdowns and radio buttons.

I chose this project because real-time and accurate reporting of patient ER data isn't just administrative work — it's critical for *saving lives and improving public health*.