In this task, I used Selenium WebDriver to automate a login test for a web application. The automation script opened a browser, entered valid credentials, clicked the login button, and verified successful login. Traditional Selenium automation follows rule-based commands, but AI-based testing tools like Testim.io and Mabl extend this functionality by learning from previous runs and adapting to interface changes automatically. They use machine learning to detect broken locators, predict potential failure points, and increase test coverage with minimal human intervention. This improves both the reliability and efficiency of software testing. Compared to manual testing, AI-powered tools significantly reduce human error, save time, and ensure continuous integration testing remains stable even after UI updates.