

Teaching ecommerce *new testing skills.*

Modernizing ecommerce testing for a U.S. education provider.

A large education company transformed its software quality approach and reduced regression testing cycles from 5 days to 6 hours while supporting rapid ecommerce growth.

The organization was expanding through Shopify-based ecommerce store rollouts. However, a largely manual testing model struggled to keep pace with demand. Testing constraints created bottlenecks across the release cycle, delaying time-to-market, increasing operational costs, and contributing to data inconsistencies between legacy platforms and new implementations.

To address these challenges, the client partnered with Sogeti to modernize quality engineering. The engagement introduced an agent-driven automation framework leveraging GitHub, Copilot, and Playwright. AI-powered agents generated, executed, and reported test scripts. Automated data validation compared legacy and new systems, while a shift-left approach helped identify issues earlier in the lifecycle.

Results included reducing regression cycles from 5 days to 6 hours, achieving more than 90% automation coverage, and delivering 70% savings in automation development efforts, enabling teams to focus on higher-value testing and innovation initiatives.

5 days to 6 hours
regression cycles

90%
automation coverage

70%
savings in development

Our local teams work side-by-side with clients, creating outcomes that can scale, **Right here. Right now.**