

Automated Test Generation using Artificial Intelligence

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What

- OneView relies heavily on manual testing
- Limited automation exists using Selenium
- Our project uses AI to generate automated tests



Why

- Save time for developers and QA engineers
- Accelerate release cycles and time-to-market
- Lower testing costs through automation

How

- Used Python to convert manual tests into structured datasets
- Fine-tuned OpenAI models on test case pairs
- Generated automated UI tests using the trained AI model
- Evaluate model output
- Make needed changes
- Repeat

