



# Test Automation of integrated audit analytics application with Selenium

**CLIENT**

Leading Financial Services Provider

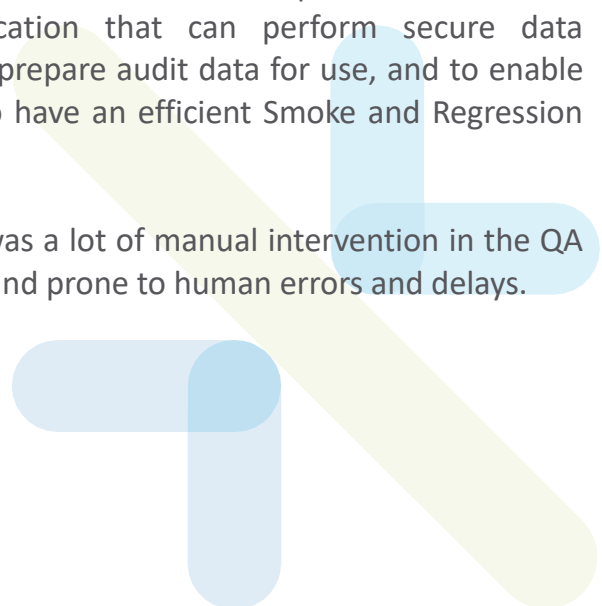
**INDUSTRY**

Information Technology

**THE BUSINESS PROBLEM**

When working with one of the leading fortune 100 financial service providers to build a leading-edge, integrated audit analytics application that can perform secure data connections to a variety of client source systems, prepare audit data for use, and to enable auditors to perform analytics, it was important to have an efficient Smoke and Regression testing process associated with it.

Without automated project functionalities there was a lot of manual intervention in the QA process which also made it more time consuming and prone to human errors and delays.





## THE SOLUTION

We used Selenium Automation to address the challenges and reduce the human interference while going through Continuous Integration Continuous deployment (CICD) pipeline. We developed automated project functionalities called “Smoke suite”. It sent the test reports to the appropriate stakeholders and as we integrate with the CICD pipeline after deployment, the script would auto-run and publish the results without any human interference.

This enabled the integrated audit Analytics engine to engage teams to perform exploratory, account-based, industry-based, predictive and advanced analytics for the audit. We also converted the “Smoke and Regression suite” into an “.exe” file to instantly execute it when necessary.

## THE RESULTS



Reduced regression testing time

From 1 week to less than a day.



Eliminated manual interventions



Shortened the overall test turnaround time (TAT).



Can perform unattended Executions form many sets of data.



Provide the customer with dashboards to turn insights into decisions.



We're Your Partner in Building Sustainable Software Solutions.  
We provide management and engineering talent with a passion for your product.  
Our teams listen, plan with you, and develop solutions to help you succeed.



[transformations@kanini.com](mailto:transformations@kanini.com)



[linkedin.com/company/kanini/](https://www.linkedin.com/company/kanini/)