BI VALIDATOR: OBIEE TESTING AUTOMATION
REGRESSION TESTING. PERFORMANCE TESTING. UPGRADE TESTING

The problem: Testing Business Intelligence projects is challenging due to the large number of dashboards and reports to be verified. In addition, BI upgrades may result in report accessibility issues due to changes in security models, rendering issues due to changes in Logical SQL or performance issues due to changes in hardware, databases or underlying SQL. All these can result in increased cost of ownership, inaccurate insights due to bad data/reports and the loss of trust in enterprise data and reporting capabilities.

The solution: BI Validator is our solution that is built on our patented architecture and offers complete regression and performance testing capabilities for Data & BI projects. By leveraging BI Validator’s simple UIs and wizard based test automation capabilities, Engineers, Testers & Business Analysts can be more productive, deliver accurate reports and instill faith in enterprise data & BI systems.

Wizard Based Test Creation
BI Validator provides wizard driven interfaces with drag and drop capabilities to create and execute test cases. The intuitive UI enables testing teams to be more productive and perform comprehensive testing with ease.

No Custom Programming
SQL is the only language required to automate test cases using BI Validator. This brings down the total cost of ownership as SQL knowledge is a common skill in Engineering, Testing and Business Analysis teams.
Enterprise Collaboration
All test cases are stored in BI Validator’s enterprise repository. This enables users to reuse test cases across the organization.

Benchmarking Capabilities
Users can choose to benchmark results from test case execution (expected) and leverage BI Validator to compare that data set to results over a period of time (actual). This capability ensures that a system does not regress as changes are made to a system’s environment.

OBIEE Regression & Performance Testing
BI Validator is a comprehensive testing tool for Business Intelligence applications built using OBIEE. It integrates with OBIEE and allows for easy creation and execution of regression and performance based test cases for existing reports in the system.

OBIEE Usage Based Testing
A unique feature that is valuable to the testing teams is the ability to easily create regression and performance tests based on the actual usage of reports in production. This will proactively ensure that downstream reports are intact after a change has been applied to a system.

OBIEE Upgrade Testing
Upgrading from one version of OBIEE to another can be a daunting task. Every time a major upgrade is performed, there could be security, regression and performance issues. Using wizards in BI Validator, Business Analysts, Testers and Engineers can identify and fix issues early on in the upgrade cycles.

OBIEE Dashboard Testing
OBIEE Dashboard testing feature simplifies and automates the regression testing of dashboard UI and report data testing. By benchmarking and comparing the dashboard output, BI Validator can empower users to clearly identify and analyze the changes in their dashboards with each new release of their BI applications.

OBIEE Stress Testing
How does an OBIEE system perform as concurrent users’ access the system? This is a challenging problem but using BI Validator, testers can create performance related test cases, specify a number of concurrent users, run them and monitor the system’s responses to understand impact due to underlying changes.

Email us at contact@datagaps.com for a price quote, pilot or to know more about how we can help you solve your enterprise data testing issues