AI-driven Insights
for QA and DevOps

In the era of digital transformation, organisations have more data than ever before and less room for errors. Release cycle times are shortened and have become a competitive advantage in getting new digital products to customers faster.

Aggregating and analyzing their release and quality data, is the basis for organisations for continuous improvement, empowering better decisions to achieve both faster and better-quality releases.
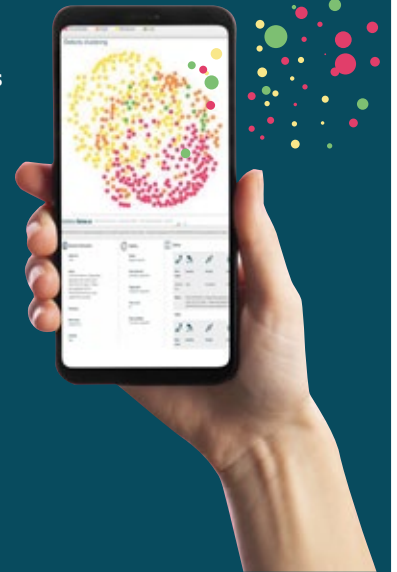
Validata

AI-driven Insights for QA and DevOps

Validata Sense.ai is a code-free, code-friendly platform that leverages technologies such as machine learning and artificial intelligence, semantic analysis, visualization etc. to provide banks and financial services organisations deeper insights and reliable predictions for their Continuous Testing and DevOps initiatives. Each stakeholder can have access to intelligent information needed to make the right data-driven decisions, identify bottlenecks, trends and readiness to go live.

Accelerate DevOps and Digital Transformation through:
• **Improved performance and productivity**
• **'A single version of the truth' across your toolchain and projects**
• **Improve collaboration between Dev and Test teams**
• **Predict software delivery**
• **Increased quality of your software releases**
• **Reduce auditing overhead**

Automatically generate insights on complex data

Validata Sense.ai leverages clustering, classifications, and other data mining techniques to deliver real-time insights faster. It pulls data from the full IT stream, from business requirements to production deployment, and consolidates thousands of data points with complex interdependencies for ongoing evaluation of iterative changes. It is able to analyse data from various sources (production environments, data warehouses, databases, cloud etc.) find previously unknown hidden patterns, classify and group the data and summarise the identified relationships and associations.

AI-driven automated insights

Clients have the ability to make decisions that radically improve the quality of their software releases, increase the performance and productivity of their teams and reduce their operational costs.

Release Readiness: Instantly assess your release health and status in a centralised view, to keep track of costs, progress, quality, improving performance and productivity of your teams.

Risk Coverage Optimisation: Precise intelligent insights of the most-at-risk business areas, highlighting the test cases that need to be executed first to detect bugs for these areas much earlier.

Defect Analytics: Real-time classification on ARCA (Automated root cause analysis) and AI-generated recommendations on Priority, Severity and 'time to fix' with corrective action plans.

Resource Capacity Planning: Automatically creates the task schedule and resource allocation based on the issue criticality, resource load and skillset and alerts on the overdue tasks!

Requirements Management & prioritisation: It identifies requirements, tracks changes over time and captures the history of changes to identify the impact on your test plan

Live Impact Analysis: Easily and automatically analyze the impact of change on quality, performance, resources capacity and costs, and apply the recommended changes through a corrective action plan.

Predictive Intelligence

Validata Sense.ai enables predictive analytics, for driving decisions and process and boost your quality assessments. The system is trained using historical data and behavior, machine learning, and artificial intelligence. This historical data is fed into a model that considers key trends and patterns in the data, and is then applied to current data to predict what will happen next.

It provides insights to transform the way application delivery teams identify and solve problems and measure results. Because of its ability to predict the testing metrics, it can correct the release policy and drive better business outcomes.

The most compelling benefits of the predictive analytics are:

Lower costs

Better defect detection

Increased efficiency

Predict release success or failure

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