

# Global AI-Augmented Software-Testing Tools Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global AI-Augmented Software-Testing Tools market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The use of AI and ML is growing, and software engineering teams are experiencing the impact of these technologies on reshaping businesses. AI-augmented testing is one of the elements of a digital immune system, and there is growing interest in tools that provide advanced, self-optimizing, adaptive, and automated testing capabilities through the use of AI technologies.

AI-augmented, software-testing tools provide capabilities for advanced, self-optimizing and adaptive automated testing through the use of AI technologies, such as machine learning (ML), self-healing heuristics or computer vision. They assist humans in their testing efforts and reduce the need for human intervention in the following areas: Test case and test data generation Test suite optimization and coverage detection Test efficacy and robustness Test analysis and defect prediction Test effort estimation and decision making AI-augmented testing tools streamline, accelerate and improve the test workflow, as models can be retrained based on the data collected from the activities they perform — thereby enhancing human productivity.

This report is a detailed and comprehensive analysis for global AI-Augmented Software-Testing Tools market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly

changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global AI-Augmented Software-Testing Tools market size and forecasts, in consumption value (\$ Million), 2018-2029

Global AI-Augmented Software-Testing Tools market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global AI-Augmented Software-Testing Tools market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global AI-Augmented Software-Testing Tools market shares of main players, in revenue (\$ Million), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AI-Augmented Software-Testing Tools

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global AI-Augmented Software-Testing Tools market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Katalon, Tricentis, LambdaTest, OpenText and SmartBear, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market segmentation

AI-Augmented Software-Testing Tools market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Quality Analytics

Unit Test Optimization

Visual Testing

UI Functional Testing

Others

#### Market segment by Application

SMEs

Large Enterprises

#### Market segment by players, this report covers

Katalon

Tricentis

LambdaTest

OpenText

SmartBear

Keysight

Parasoft

Microsoft

Perforce

Worksoft

UiPath

Progress

IBM

Digital.ai

Original Software

Sealights

Ponicode

Diffblue

Applitools

Functionize

Kobiton

Mabl

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe AI-Augmented Software-Testing Tools product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of AI-Augmented Software-Testing Tools, with revenue, gross margin and global market share of AI-Augmented Software-Testing Tools from 2018 to 2023.

Chapter 3, the AI-Augmented Software-Testing Tools competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023. and AI-Augmented Software-Testing Tools market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of AI-Augmented Software-Testing Tools.

Chapter 13, to describe AI-Augmented Software-Testing Tools research findings and conclusion.

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