

Low-Code AI Development Platforms Market Forecasts to 2034 – Global Analysis By Component (Platforms and Services), Technology, Platform Type, Deployment Mode, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Low-Code AI Development Platforms Market is accounted for \$6.8 billion in 2026 and is expected to reach \$60.4 billion by 2034, growing at a CAGR of 31.5% during the forecast period. Low-Code AI Development Platforms are software environments that enable users to design, build, and deploy artificial intelligence applications with minimal manual coding. These platforms provide visual interfaces, drag-and-drop tools, prebuilt machine learning models, and automated workflows that simplify the development process. They allow developers, business analysts, and non-technical users to quickly create AI solutions such as predictive analytics, chatbots, and automation systems. By reducing the complexity of traditional AI development, low-code AI platforms accelerate innovation, lower development costs, and help organizations implement AI capabilities more efficiently across various business functions.

Market Dynamics:

Driver:

Growing demand for rapid application development

Organizations are under constant pressure to deliver digital solutions faster while managing limited IT resources. Low-code AI platforms significantly reduce development cycles by replacing traditional hand-coding with visual modeling and pre-built

components. This allows enterprises to respond swiftly to market changes, customer expectations, and internal process inefficiencies. The ability to integrate AI capabilities like predictive analytics and natural language processing without deep expertise further accelerates time-to-value. As businesses prioritize agility and innovation, adoption of these platforms continues rising across sectors such as finance, healthcare, and retail.

Restraint:

Concerns over governance and security

The ease of development in low-code environments can lead to shadow IT, where unauthorized applications are created outside official oversight. This raises significant concerns regarding data privacy, compliance with regulations such as GDPR and HIPAA, and vulnerability to cyber threats. Many platforms lack robust version control, audit trails, and access management features required by large enterprises. Additionally, AI models embedded within applications may introduce bias or produce unpredictable outcomes without proper validation. Organizations must enforce strict governance frameworks and conduct regular security assessments to mitigate these risks effectively.

Opportunity:

Integration with generative AI technologies

The rapid evolution of generative AI is opening transformative possibilities for low-code platforms. By incorporating large language models and image generation capabilities, these platforms enable users to build sophisticated chatbots, content generators, and code assistants with minimal effort. Enterprises can automate customer service, document processing, and creative workflows without extensive AI expertise. Vendors are increasingly offering pre-built generative AI connectors and templates, reducing implementation complexity. As generative AI matures and becomes more accessible, low-code platforms will serve as ideal delivery mechanisms, driving broader adoption across business functions.

Threat:

Intense market competition and fragmentation

The low-code AI platform market is becoming highly crowded with numerous vendors ranging from established tech giants to niche startups. This fragmentation creates confusion for buyers struggling to differentiate features, pricing models, and scalability. Price wars and aggressive marketing tactics can erode profit margins for providers. Furthermore, open-source alternatives are gaining traction, offering basic low-code capabilities at no cost. Smaller vendors risk obsolescence if unable to continuously innovate. Customers may also face vendor lock-in concerns, making migration between platforms difficult. Sustaining differentiation requires substantial R&D investment and ecosystem development.

Covid-19 Impact

The pandemic acted as a powerful catalyst for low-code AI adoption as organizations urgently digitized operations to support remote work and contactless services. Lockdowns disrupted traditional software development, forcing teams to seek faster deployment methods. Healthcare providers used low-code platforms to build patient triage apps and vaccine tracking systems within weeks. However, budget constraints temporarily delayed some enterprise-wide implementations. The crisis highlighted the value of citizen development, with business users creating applications to manage supply chains and employee health monitoring. Post-pandemic, hybrid work models continue driving demand for rapid, AI-enabled application development.

The low-code AI application development platforms segment is expected to be the largest during the forecast period

The low-code AI application development platforms segment is expected to account for the largest market share during the forecast period, due to its direct alignment with enterprise digital transformation priorities. These platforms enable users to build full-featured web, mobile, and enterprise applications with integrated AI capabilities without writing complex code. Pre-built templates, drag-and-drop interfaces, and reusable components dramatically reduce development effort. Organizations use them for customer portals, internal dashboards, and operational tools. The ability to iterate quickly based on user feedback further drives preference.

The citizen developers segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the citizen developers segment is predicted to witness the highest growth rate, driven by the democratization of software creation across non-

technical business users. Employees in marketing, finance, HR, and operations are increasingly building their own applications to solve department-specific problems without waiting for IT. Low-code AI platforms provide intuitive interfaces that require no programming knowledge, enabling rapid prototyping and deployment. This trend reduces IT backlogs and fosters innovation at the grassroots level. Organizations are establishing centers of excellence to support citizen developers with governance and training.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share fuelled by early technology adoption and presence of major platform vendors. The United States leads in enterprise AI spending, with strong demand from healthcare, finance, and technology sectors. Robust cloud infrastructure and skilled developer communities accelerate platform utilization. Government initiatives promoting digital modernization further support growth. Canada also contributes through its thriving startup ecosystem. Strategic acquisitions and partnerships among regional players enhance market penetration.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, supported by rapid digitalization and expanding SME adoption. Countries like China, India, and Japan are witnessing surging demand for cost-effective application development solutions. Large populations of citizen developers and growing IT outsourcing industries fuel platform usage. Government-backed smart city projects and manufacturing automation initiatives create additional opportunities. Rising smartphone penetration and mobile-first strategies drive need for rapid app deployment. As businesses recover from pandemic disruptions, Asia Pacific becomes a high-growth frontier.

Key players in the market

Some of the key players in Low-Code AI Development Platforms Market include Microsoft, Google, Amazon Web Services, IBM, Salesforce, ServiceNow, Appian, Pegasystems, Mendix, OutSystems, Zoho, Kissflow, Retool, Appsmith, and Jitterbit.

Key Developments:

In March 2026, IBM and ETH Zurich announced a 10-year collaboration to advance the next generation of algorithms at the intersection of AI and quantum computing. This initiative represents the latest milestone in the long-standing collaboration between the two institutions, further strengthening a scientific exchange that has helped create the future of information technology.

In September 2025, Mendix announced its continued commitment to collaborate with Snowflake, the AI Data Cloud company, to further enable the enterprise to drive value from data through modern software development.

Components Covered:

Platforms

Services

Technologies Covered:

Machine Learning

Natural Language Processing (NLP)

Computer Vision

Predictive Analytics

Generative AI

Reinforcement Learning

Platform Types Covered:

Low-Code AI Application Development Platforms

Low-Code Data Science Platforms

Low-Code MLOps Platforms

Low-Code Workflow Automation Platforms

Low-Code Conversational AI Platforms

Deployment Modes Covered:

Cloud-Based

On-Premises

Hybrid Deployment

Applications Covered:

Web Application Development

Mobile Application Development

Desktop & Enterprise Application Development

AI Model Development & Deployment

Process Automation & Workflow Management

Chatbots & Virtual Assistants

End Users Covered:

IT & Software Development Teams

Business Units / Citizen Developers

Data Scientists & AI Engineers

Independent Software Vendors (ISVs)

Government & Public Sector Organizations

Other End Users

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY COMPONENT

- 5.1 Platforms
 - 5.1.1 Visual Development Platforms
 - 5.1.2 Model-Driven Development Platforms
 - 5.1.3 AI-Assisted Development Platforms
 - 5.1.4 API & Integration Platforms
- 5.2 Services
 - 5.2.1 Consulting Services
 - 5.2.2 Implementation & Integration
 - 5.2.3 Training & Support
 - 5.2.4 Managed Services

6 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY TECHNOLOGY

- 6.1 Machine Learning
- 6.2 Natural Language Processing (NLP)
- 6.3 Computer Vision
- 6.4 Predictive Analytics
- 6.5 Generative AI
- 6.6 Reinforcement Learning

7 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY PLATFORM TYPE

- 7.1 Low-Code AI Application Development Platforms
- 7.2 Low-Code Data Science Platforms
- 7.3 Low-Code MLOps Platforms
- 7.4 Low-Code Workflow Automation Platforms
- 7.5 Low-Code Conversational AI Platforms

8 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY DEPLOYMENT MODE

- 8.1 Cloud-Based
- 8.2 On-Premises
- 8.3 Hybrid Deployment

9 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY APPLICATION

- 9.1 Web Application Development
- 9.2 Mobile Application Development
- 9.3 Desktop & Enterprise Application Development
- 9.4 AI Model Development & Deployment
- 9.5 Process Automation & Workflow Management
- 9.6 Chatbots & Virtual Assistants

10 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY END USER

- 10.1 IT & Software Development Teams
- 10.2 Business Units / Citizen Developers
- 10.3 Data Scientists & AI Engineers
- 10.4 Independent Software Vendors (ISVs)
- 10.5 Government & Public Sector Organizations
- 10.6 Other End Users

11 GLOBAL LOW-CODE AI DEVELOPMENT PLATFORMS MARKET, BY GEOGRAPHY

- 11.1 North America
 - 11.1.1 United States
 - 11.1.2 Canada
 - 11.1.3 Mexico
- 11.2 Europe
 - 11.2.1 United Kingdom
 - 11.2.2 Germany
 - 11.2.3 France
 - 11.2.4 Italy
 - 11.2.5 Spain
 - 11.2.6 Netherlands

- 11.2.7 Belgium
- 11.2.8 Sweden
- 11.2.9 Switzerland
- 11.2.10 Poland
- 11.2.11 Rest of Europe
- 11.3 Asia Pacific
 - 11.3.1 China
 - 11.3.2 Japan
 - 11.3.3 India
 - 11.3.4 South Korea
 - 11.3.5 Australia
 - 11.3.6 Indonesia
 - 11.3.7 Thailand
 - 11.3.8 Malaysia
 - 11.3.9 Singapore
 - 11.3.10 Vietnam
 - 11.3.11 Rest of Asia Pacific
- 11.4 South America
 - 11.4.1 Brazil
 - 11.4.2 Argentina
 - 11.4.3 Colombia
 - 11.4.4 Chile
 - 11.4.5 Peru
 - 11.4.6 Rest of South America
- 11.5 Rest of the World (RoW)
 - 11.5.1 Middle East
 - 11.5.1.1 Saudi Arabia
 - 11.5.1.2 United Arab Emirates
 - 11.5.1.3 Qatar
 - 11.5.1.4 Israel
 - 11.5.1.5 Rest of Middle East
 - 11.5.2 Africa
 - 11.5.2.1 South Africa
 - 11.5.2.2 Egypt
 - 11.5.2.3 Morocco
 - 11.5.2.4 Rest of Africa

12 STRATEGIC MARKET INTELLIGENCE

- 12.1 Industry Value Network and Supply Chain Assessment
- 12.2 White-Space and Opportunity Mapping
- 12.3 Product Evolution and Market Life Cycle Analysis
- 12.4 Channel, Distributor, and Go-to-Market Assessment

13 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

- 13.1 Mergers and Acquisitions
- 13.2 Partnerships, Alliances, and Joint Ventures
- 13.3 New Product Launches and Certifications
- 13.4 Capacity Expansion and Investments
- 13.5 Other Strategic Initiatives

14 COMPANY PROFILES

- 14.1 Microsoft
- 14.2 Google
- 14.3 Amazon Web Services
- 14.4 IBM
- 14.5 Salesforce
- 14.6 ServiceNow
- 14.7 Appian
- 14.8 Pegasystems
- 14.9 Mendix
- 14.10 OutSystems
- 14.11 Zoho
- 14.12 Kissflow
- 14.13 Retool
- 14.14 Appsmith
- 14.15 Jitterbit

List Of Tables

LIST OF TABLES

Table 1 Global Low-Code AI Development Platforms Market Outlook, By Region (2023-2034) (\$MN)

Table 2 Global Low-Code AI Development Platforms Market Outlook, By Component (2023-2034) (\$MN)

Table 3 Global Low-Code AI Development Platforms Market Outlook, By Platforms (2023-2034) (\$MN)

Table 4 Global Low-Code AI Development Platforms Market Outlook, By Visual Development Platforms (2023-2034) (\$MN)

Table 5 Global Low-Code AI Development Platforms Market Outlook, By Model-Driven Development Platforms (2023-2034) (\$MN)

Table 6 Global Low-Code AI Development Platforms Market Outlook, By AI-Assisted Development Platforms (2023-2034) (\$MN)

Table 7 Global Low-Code AI Development Platforms Market Outlook, By API & Integration Platforms (2023-2034) (\$MN)

Table 8 Global Low-Code AI Development Platforms Market Outlook, By Services (2023-2034) (\$MN)

Table 9 Global Low-Code AI Development Platforms Market Outlook, By Consulting Services (2023-2034) (\$MN)

Table 10 Global Low-Code AI Development Platforms Market Outlook, By Implementation & Integration (2023-2034) (\$MN)

Table 11 Global Low-Code AI Development Platforms Market Outlook, By Training & Support (2023-2034) (\$MN)

Table 12 Global Low-Code AI Development Platforms Market Outlook, By Managed Services (2023-2034) (\$MN)

Table 13 Global Low-Code AI Development Platforms Market Outlook, By Technology (2023-2034) (\$MN)

Table 14 Global Low-Code AI Development Platforms Market Outlook, By Machine Learning (2023-2034) (\$MN)

Table 15 Global Low-Code AI Development Platforms Market Outlook, By Natural Language Processing (NLP) (2023-2034) (\$MN)

Table 16 Global Low-Code AI Development Platforms Market Outlook, By Computer Vision (2023-2034) (\$MN)

Table 17 Global Low-Code AI Development Platforms Market Outlook, By Predictive Analytics (2023-2034) (\$MN)

Table 18 Global Low-Code AI Development Platforms Market Outlook, By Generative AI

(2023-2034) (\$MN)

Table 19 Global Low-Code AI Development Platforms Market Outlook, By Reinforcement Learning (2023-2034) (\$MN)

Table 20 Global Low-Code AI Development Platforms Market Outlook, By Platform Type (2023-2034) (\$MN)

Table 21 Global Low-Code AI Development Platforms Market Outlook, By Low-Code AI Application Development Platforms (2023-2034) (\$MN)

Table 22 Global Low-Code AI Development Platforms Market Outlook, By Low-Code Data Science Platforms (2023-2034) (\$MN)

Table 23 Global Low-Code AI Development Platforms Market Outlook, By Low-Code MLOps Platforms (2023-2034) (\$MN)

Table 24 Global Low-Code AI Development Platforms Market Outlook, By Low-Code Workflow Automation Platforms (2023-2034) (\$MN)

Table 25 Global Low-Code AI Development Platforms Market Outlook, By Low-Code Conversational AI Platforms (2023-2034) (\$MN)

Table 26 Global Low-Code AI Development Platforms Market Outlook, By Deployment Mode (2023-2034) (\$MN)

Table 27 Global Low-Code AI Development Platforms Market Outlook, By Cloud-Based (2023-2034) (\$MN)

Table 28 Global Low-Code AI Development Platforms Market Outlook, By On-Premises (2023-2034) (\$MN)

Table 29 Global Low-Code AI Development Platforms Market Outlook, By Hybrid Deployment (2023-2034) (\$MN)

Table 30 Global Low-Code AI Development Platforms Market Outlook, By Application (2023-2034) (\$MN)

Table 31 Global Low-Code AI Development Platforms Market Outlook, By Web Application Development (2023-2034) (\$MN)

Table 32 Global Low-Code AI Development Platforms Market Outlook, By Mobile Application Development (2023-2034) (\$MN)

Table 33 Global Low-Code AI Development Platforms Market Outlook, By Desktop & Enterprise Application Development (2023-2034) (\$MN)

Table 34 Global Low-Code AI Development Platforms Market Outlook, By AI Model Development & Deployment (2023-2034) (\$MN)

Table 35 Global Low-Code AI Development Platforms Market Outlook, By Process Automation & Workflow Management (2023-2034) (\$MN)

Table 36 Global Low-Code AI Development Platforms Market Outlook, By Chatbots & Virtual Assistants (2023-2034) (\$MN)

Table 37 Global Low-Code AI Development Platforms Market Outlook, By End User (2023-2034) (\$MN)

Table 38 Global Low-Code AI Development Platforms Market Outlook, By IT & Software Development Teams (2023-2034) (\$MN)

Table 39 Global Low-Code AI Development Platforms Market Outlook, By Business Units / Citizen Developers (2023-2034) (\$MN)

Table 40 Global Low-Code AI Development Platforms Market Outlook, By Data Scientists & AI Engineers (2023-2034) (\$MN)

Table 41 Global Low-Code AI Development Platforms Market Outlook, By Independent Software Vendors (ISVs) (2023-2034) (\$MN)

Table 42 Global Low-Code AI Development Platforms Market Outlook, By Government & Public Sector Organizations (2023-2034) (\$MN)

Table 43 Global Low-Code AI Development Platforms Market Outlook, By Other End Users (2023-2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) are also represented in the same manner as above.

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