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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

https://marketpublishers.com/r/L513AB4E7379EN.html
Date: April 2026
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: L513AB4E7379EN

Abstracts

According to Stratistics 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

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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

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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-

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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:

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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

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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)

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- 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

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- 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

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- 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

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- 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

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info@marketpublishers.com

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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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