

DevOps Training Market Forecasts to 2034 – Global Analysis By Training Type (Instructor-Led Training (ILT), Virtual Instructor-Led Training (VILT), Self-Paced Online Training, Blended Learning, Bootcamps, Workshops & Seminars, and Certification Programs), Delivery Mode, Course Type, Certification, Deployment Platform, End User and By Geography

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Abstracts

According to Statistics MRC, the Global DevOps Training Market is accounted for USD 8.4 billion in 2026 and is expected to reach USD 22.1 billion by 2034, growing at a CAGR of 12.8% during the forecast period. DevOps Training refers to the comprehensive educational programs, courses, and solutions designed to develop the specialized knowledge, skills, and competencies required for DevOps roles and practices across organizations. These training programs encompass DevOps fundamentals, DevOps engineer training, CI/CD pipelines, Infrastructure as Code (IaC), containerization and Kubernetes, cloud DevOps, DevSecOps, Site Reliability Engineering (SRE), monitoring and observability, and Agile integration delivered through instructor-led, virtual, self-paced, blended, bootcamp, workshop, and certification preparation formats. This technology helps organizations accelerate software delivery, improve operational efficiency, and foster collaborative cultures.

Market Dynamics:

Driver:

Accelerating adoption of DevOps practices across enterprises

The accelerating adoption of DevOps practices across enterprises serves as a primary driver for the DevOps Training market. Organizations are embracing DevOps to accelerate software delivery, improve quality, and enhance collaboration between development and operations teams. The growing need for faster time-to-market and continuous innovation drives investment in DevOps training. Organizations recognize that building DevOps capabilities is essential for digital transformation success. As DevOps practices become standard across industries, the demand for DevOps training continues to grow significantly across sectors.

Restraint:

High training costs and rapidly evolving DevOps tool landscape

The high training costs and rapidly evolving DevOps tool landscape pose restraints to the DevOps Training market. Comprehensive DevOps training requires substantial investment in content development, instructor expertise, and learning infrastructure. The breadth of DevOps tools and practices makes training complex and resource-intensive. Organizations face challenges in balancing training investment with operational needs. The rapid evolution of DevOps tools, platforms, and best practices creates content maintenance challenges. These cost and complexity constraints can limit the scope and frequency of DevOps training, potentially affecting workforce capability and organizational competitiveness.

Opportunity:

Integration of hands-on labs and real-world project experiences

The integration of hands-on labs and real-world project experiences presents significant opportunities for the DevOps Training market. Practical, project-based learning with real-world scenarios and tools provides essential experience for DevOps roles. Hands-on lab environments enable learners to practice CI/CD pipelines, container orchestration, and infrastructure automation. Project-based training builds practical skills that translate directly to job performance. As organizations seek more effective and efficient DevOps training solutions, the demand for hands-on, experiential learning platforms continues to grow, creating substantial opportunities for technology providers.

Threat:

Rapidly evolving DevOps landscape and content obsolescence

The rapidly evolving DevOps landscape and content obsolescence pose significant threats to the DevOps Training market. DevOps tools, platforms, and practices evolve quickly, requiring continuous updates to training content. Training materials can become outdated within months, requiring ongoing investment in curriculum development. New tools and best practices emerge regularly, demanding program updates. Organizations may hesitate to invest in training that could become outdated quickly. These content currency challenges can reduce the perceived value of training investments and affect learner confidence in program relevance.

Covid-19 Impact:

The COVID-19 pandemic significantly accelerated the adoption of DevOps training as organizations rapidly embraced digital transformation and remote work environments. The surge in demand for faster software delivery during the crisis created urgent need for DevOps skills. Organizations invested in training to build internal DevOps capabilities for business agility and resilience. The shift to remote work accelerated the adoption of online learning platforms for DevOps training. Post-pandemic, these solutions have become essential infrastructure for workforce development, enabling organizations to build DevOps capabilities in hybrid work environments and maintain competitive advantage through accelerated software delivery.

The self-paced online training segment is expected to be the largest during the forecast period

The self-paced online training segment is expected to account for the largest market share during the forecast period, driven by the scalability, flexibility, and accessibility of digital learning delivery for DevOps education. Self-paced online training enables organizations to deliver consistent training to distributed workforces while accommodating individual learning preferences and schedules. The subscription-based pricing model makes online training accessible for organizations of varying sizes. As DevOps skills gaps persist and organizations seek efficient training solutions, self-paced online training continues to lead with comprehensive learning experiences.

The CI/CD training segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the CI/CD training segment is predicted to witness the highest growth rate, due to the critical importance of continuous integration and continuous

delivery practices for modern software development. CI/CD pipelines are fundamental to DevOps success, enabling rapid, reliable software delivery. Organizations urgently need to build CI/CD capabilities to accelerate time-to-market and improve software quality. As DevOps adoption expands and organizations seek to automate their software delivery processes, CI/CD training continues to gain adoption, driving this segment's rapid expansion.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, driven by substantial investment in DevOps workforce development, strong emphasis on software delivery capabilities, and the presence of major training providers and technology companies. The region's focus on innovation and digital transformation creates demand for comprehensive training solutions. Significant corporate spending on DevOps and the emphasis on agile practices contribute to market leadership. Additionally, strong government support for technology workforce development further fuels adoption in North America.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by rapid digital transformation, expanding technology sectors, and growing investment in DevOps workforce development across major economies. Countries such as China, India, and Australia are witnessing significant growth in DevOps adoption and training investment. The large and growing workforce population creates demand for scalable training solutions. Government initiatives promoting digital skills and technology development further contribute to regional market growth.

Key players in the market

Some of the key players in the DevOps Training Market include GitLab, Linux Foundation Training & Certification, Red Hat Training, DevOps Institute, Pluralsight, Skillsoft Global Knowledge, Learning Tree International, KodeKloud, Simplilearn, Edureka, Udemy Business, Coursera, Cloud Academy, QA Ltd., and NobleProg.

Key Developments:

In March 2026, GitLab announced the launch of a new DevOps training platform featuring hands-on project environments and real-world CI/CD scenarios. The platform

leverages practical learning experiences to build DevOps skills and accelerate adoption of GitLab practices.

In December 2025, Linux Foundation Training introduced enhanced DevOps certification preparation programs with AI-driven practice assessments and personalized learning recommendations. The programs aim to improve certification success rates for DevOps professionals.

Training Types Covered:

Instructor-Led Training (ILT)

Virtual Instructor-Led Training (VILT)

Self-Paced Online Training

Blended Learning

Bootcamps

Corporate Workshops

Certification Preparation Training

Delivery Modes Covered:

Classroom Training

Online Learning

Hybrid Learning

Course Types Covered:

DevOps Fundamentals

DevOps Engineer Training

CI/CD Training

Infrastructure as Code (IaC) Training

Containerization and Kubernetes Training

Cloud DevOps Training

DevSecOps Training

Site Reliability Engineering (SRE) Training

Monitoring and Observability Training

Agile and DevOps Integration Training

Certifications Covered:

Foundation Certifications

Practitioner Certifications

Professional/Expert Certifications

Vendor-Specific Certifications

Vendor-Neutral Certifications

Deployment Platforms Covered:

Cloud-Based Learning Platforms

On-Premises Learning Platforms

End Users Covered:

IT and Software Companies

Banking, Financial Services, and Insurance (BFSI)

Healthcare and Life Sciences

Retail and E-commerce

Manufacturing

Telecommunications

Government and Public Sector

Education

Media and Entertainment

Energy and Utilities

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 DEVOPS TRAINING MARKET, BY TRAINING TYPE

- 5.1 Instructor-Led Training (ILT)
- 5.2 Virtual Instructor-Led Training (VILT)
- 5.3 Self-Paced Online Training
- 5.4 Blended Learning
- 5.5 Bootcamps
- 5.6 Corporate Workshops
- 5.7 Certification Preparation Training

6 GLOBAL DEVOPS TRAINING MARKET, BY DELIVERY MODE

- 6.1 Classroom Training
- 6.2 Online Learning
- 6.3 Hybrid Learning

7 GLOBAL DEVOPS TRAINING MARKET, BY COURSE TYPE

- 7.1 DevOps Fundamentals
- 7.2 DevOps Engineer Training
- 7.3 CI/CD Training
- 7.4 Infrastructure as Code (IaC) Training
- 7.5 Containerization and Kubernetes Training
- 7.6 Cloud DevOps Training
- 7.7 DevSecOps Training
- 7.8 Site Reliability Engineering (SRE) Training
- 7.9 Monitoring and Observability Training
- 7.10 Agile and DevOps Integration Training

8 GLOBAL DEVOPS TRAINING MARKET, BY CERTIFICATION

- 8.1 Foundation Certifications
- 8.2 Practitioner Certifications
- 8.3 Professional/Expert Certifications
- 8.4 Vendor-Specific Certifications

8.5 Vendor-Neutral Certifications

9 GLOBAL DEVOPS TRAINING MARKET, BY DEPLOYMENT PLATFORM

9.1 Cloud-Based Learning Platforms

9.2 On-Premises Learning Platforms

10 GLOBAL DEVOPS TRAINING MARKET, BY END USER

10.1 IT and Software Companies

10.2 Banking, Financial Services, and Insurance (BFSI)

10.3 Healthcare and Life Sciences

10.4 Retail and E-commerce

10.5 Manufacturing

10.6 Telecommunications

10.7 Government and Public Sector

10.8 Education

10.9 Media and Entertainment

10.10 Energy and Utilities

11 GLOBAL DEVOPS TRAINING 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 GitLab
- 14.2 Linux Foundation Training & Certification
- 14.3 Red Hat Training
- 14.4 DevOps Institute
- 14.5 Pluralsight
- 14.6 Skillsoft Global Knowledge
- 14.7 Learning Tree International
- 14.8 KodeKloud
- 14.9 Simplilearn
- 14.10 Edureka
- 14.11 Udemy Business
- 14.12 Coursera
- 14.13 Cloud Academy
- 14.14 QA Ltd.
- 14.15 NobleProg

List Of Tables

LIST OF TABLES

Table 1 Global DevOps Training Market Outlook, By Region (2023-2034) (\$MN)
Table 2 Global DevOps Training Market Outlook, By Training Type (2023-2034) (\$MN)
Table 3 Global DevOps Training Market Outlook, By Instructor-Led Training (ILT) (2023-2034) (\$MN)
Table 4 Global DevOps Training Market Outlook, By Virtual Instructor-Led Training (VILT) (2023-2034) (\$MN)
Table 5 Global DevOps Training Market Outlook, By Self-Paced Online Training (2023-2034) (\$MN)
Table 6 Global DevOps Training Market Outlook, By Blended Learning (2023-2034) (\$MN)
Table 7 Global DevOps Training Market Outlook, By Bootcamps (2023-2034) (\$MN)
Table 8 Global DevOps Training Market Outlook, By Corporate Workshops (2023-2034) (\$MN)
Table 9 Global DevOps Training Market Outlook, By Certification Preparation Training (2023-2034) (\$MN)
Table 10 Global DevOps Training Market Outlook, By Delivery Mode (2023-2034) (\$MN)
Table 11 Global DevOps Training Market Outlook, By Classroom Training (2023-2034) (\$MN)
Table 12 Global DevOps Training Market Outlook, By Online Learning (2023-2034) (\$MN)
Table 13 Global DevOps Training Market Outlook, By Hybrid Learning (2023-2034) (\$MN)
Table 14 Global DevOps Training Market Outlook, By Course Type (2023-2034) (\$MN)
Table 15 Global DevOps Training Market Outlook, By DevOps Fundamentals (2023-2034) (\$MN)
Table 16 Global DevOps Training Market Outlook, By DevOps Engineer Training (2023-2034) (\$MN)
Table 17 Global DevOps Training Market Outlook, By CI/CD Training (2023-2034) (\$MN)
Table 18 Global DevOps Training Market Outlook, By Infrastructure as Code (IaC) Training (2023-2034) (\$MN)
Table 19 Global DevOps Training Market Outlook, By Containerization and Kubernetes Training (2023-2034) (\$MN)
Table 20 Global DevOps Training Market Outlook, By Cloud DevOps Training

(2023-2034) (\$MN)

Table 21 Global DevOps Training Market Outlook, By DevSecOps Training (2023-2034) (\$MN)

Table 22 Global DevOps Training Market Outlook, By Site Reliability Engineering (SRE) Training (2023-2034) (\$MN)

Table 23 Global DevOps Training Market Outlook, By Monitoring and Observability Training (2023-2034) (\$MN)

Table 24 Global DevOps Training Market Outlook, By Agile and DevOps Integration Training (2023-2034) (\$MN)

Table 25 Global DevOps Training Market Outlook, By Certification (2023-2034) (\$MN)

Table 26 Global DevOps Training Market Outlook, By Foundation Certifications (2023-2034) (\$MN)

Table 27 Global DevOps Training Market Outlook, By Practitioner Certifications (2023-2034) (\$MN)

Table 28 Global DevOps Training Market Outlook, By Professional/Expert Certifications (2023-2034) (\$MN)

Table 29 Global DevOps Training Market Outlook, By Vendor-Specific Certifications (2023-2034) (\$MN)

Table 30 Global DevOps Training Market Outlook, By Vendor-Neutral Certifications (2023-2034) (\$MN)

Table 31 Global DevOps Training Market Outlook, By Deployment Platform (2023-2034) (\$MN)

Table 32 Global DevOps Training Market Outlook, By Cloud-Based Learning Platforms (2023-2034) (\$MN)

Table 33 Global DevOps Training Market Outlook, By On-Premises Learning Platforms (2023-2034) (\$MN)

Table 34 Global DevOps Training Market Outlook, By End User (2023-2034) (\$MN)

Table 35 Global DevOps Training Market Outlook, By IT and Software Companies (2023-2034) (\$MN)

Table 36 Global DevOps Training Market Outlook, By Banking, Financial Services, and Insurance (BFSI) (2023-2034) (\$MN)

Table 37 Global DevOps Training Market Outlook, By Healthcare and Life Sciences (2023-2034) (\$MN)

Table 38 Global DevOps Training Market Outlook, By Retail and E-commerce (2023-2034) (\$MN)

Table 39 Global DevOps Training Market Outlook, By Manufacturing (2023-2034) (\$MN)

Table 40 Global DevOps Training Market Outlook, By Telecommunications (2023-2034) (\$MN)

Table 41 Global DevOps Training Market Outlook, By Government and Public Sector (2023-2034) (\$MN)

Table 42 Global DevOps Training Market Outlook, By Education (2023-2034) (\$MN)

Table 43 Global DevOps Training Market Outlook, By Media and Entertainment (2023-2034) (\$MN)

Table 44 Global DevOps Training Market Outlook, By Energy and Utilities (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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