

# Blockchain in Edutech Market Projected to Reach USD 11.4 Billion by 2032 | Persistence Market Research

*North America holds 40% of the higher education blockchain market, emerging as a key growth hub*

BRENTFORD, ENGLAND, UNITED KINGDOM, September 29, 2025 /EINPresswire.com/ -- Overview of the Market

The global [blockchain in Edutech market](#) is projected to be valued at US\$ 2.4 billion in 2025 and is anticipated to reach US\$ 11.4 billion by 2032, growing at a robust CAGR of 24.9% from 2025 to 2032. The market's expansion is primarily fueled by the increasing adoption of digital learning technologies and the growing demand for secure, transparent, and tamper-proof credential management systems in educational institutions worldwide.

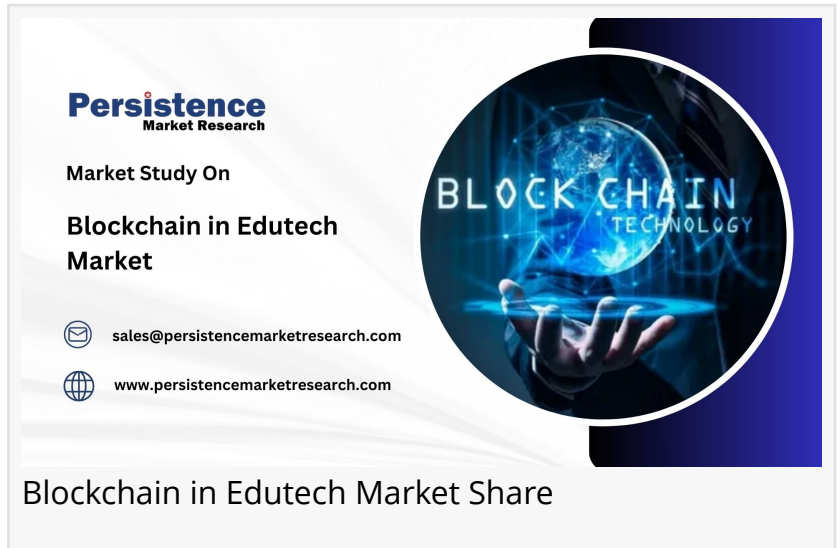
North America leads the market, capturing approximately 40% share in 2025, due to early blockchain adoption, substantial R&D investments, and advanced technological infrastructure. Meanwhile, the K-12 segment dominates in terms of end-users, driven by widespread adoption of digital learning platforms, secure student data management, and blockchain-enabled credentials. Record-keeping applications lead the industry with over 34% market revenue, highlighting the critical role of blockchain in secure and transparent academic administration.

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## Key Highlights from the Report

- Blockchain adoption in EdTech is rapidly transforming digital learning platforms.
- North America leads the market with the highest adoption rate and technological investments.



- K-12 education segment dominates due to growing integration of digital learning systems.
- Record-keeping applications contribute the highest revenue share in blockchain EdTech.
- Asia Pacific emerges as the fastest-growing region, fueled by digitalization and e-learning adoption.
- Increasing demand for secure credential verification is a major driver for market growth.

## Market Segmentation

The blockchain in Edutech market can be segmented based on product type, application, and end-user. In terms of product types, the market includes blockchain software platforms, blockchain-as-a-service (BaaS), and smart contract solutions. Blockchain software platforms dominate due to the need for secure academic record management and credential verification, while BaaS is gaining traction for institutions seeking low-cost, cloud-based blockchain solutions.

From an application standpoint, the market is divided into record-keeping, credential verification, and digital content management. Record-keeping remains the leading application due to its ability to provide tamper-proof institutional records. Credential verification is expanding rapidly, especially in higher education and professional certification programs, as blockchain ensures authenticity and reduces fraud risks.

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## Regional Insights

North America continues to dominate the blockchain in Edutech market, driven by early adoption of advanced technologies, significant investments in digital infrastructure, and the presence of leading EdTech companies. The U.S. education system increasingly relies on blockchain to enhance credential verification and data security.

Asia Pacific, on the other hand, is the fastest-growing market due to rapid digital transformation in countries like India, China, and Singapore. Rising government initiatives supporting online education and EdTech startups, combined with increased adoption of blockchain for secure student records, are key contributors to market growth in this region.

## Market Drivers, Restraints, and Opportunities

The primary drivers of the blockchain in Edutech market include the growing trend of online education, the increasing demand for secure student data management, and the need for transparent and tamper-proof academic credentials. Additionally, rising investments in digital learning platforms and blockchain infrastructure are further boosting market growth.

Restraints include the high cost of blockchain implementation and the lack of awareness among smaller educational institutions. Technical complexities associated with integrating blockchain solutions into legacy systems also limit widespread adoption in some regions.

Opportunities for the market lie in expanding blockchain applications beyond K-12 and higher education, such as vocational training, professional certification, and corporate learning. Emerging economies, especially in Asia Pacific and Latin America, present significant growth potential due to increasing digital adoption and government support for secure education technologies.

### Reasons to Buy the Report

- Comprehensive analysis of market size, share, and growth trends from 2025 to 2032
- Detailed segmentation by product type, application, and end-user for strategic planning
- Insights into regional trends, highlighting North America dominance and Asia Pacific growth
- Identification of key market drivers, restraints, and emerging opportunities
- Coverage of competitive landscape, key players, and recent market developments

### Frequently Asked Questions (FAQs)

How Big is the Global Blockchain in Edutech Market?

Who are the Key Players in the Global Blockchain in Edutech Market?

What is the Projected Growth Rate of the Blockchain in Edutech Market?

What is the Market Forecast for Blockchain in Edutech for 2032?

Which Region is Estimated to Dominate the Blockchain in Edutech Industry through the Forecast Period?

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### Company Insights

Key players in the blockchain in Edutech market include:

- IBM Corporation
- Microsoft Corporation
- Oracle Corporation
- ConsenSys
- Learning Machine Inc.
- Blockcerts
- ODEM Global

Recent Developments:

- IBM launched a blockchain-based credential verification system for higher education institutions in 2024.
- Microsoft introduced Azure Blockchain Service integration for EdTech platforms, supporting secure and scalable digital learning solutions.

Related Reports:

[Mobile/Micro Data Center Market](#): The global mobile/micro data center market will grow from US\$6.12 Bn in 2025 to US\$14.72 Bn by 2032, at a 13.4% CAGR, driven by rising digital infrastructure demand.

[Supercapacitors Market](#): The supercapacitors market projected to grow from US\$ 2.4 Bn in 2025 to US\$ 8.2 Bn by 2032, registering a strong CAGR of 19.2% globally.

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