

Blockchain AI Market Size, Share, and Outlook, 2025 Report- By Application (Smart Contracts, Payment and settlement, Data Security, Data Sharing/Communication, Asset Tracking and Management, Logistics and supply chain management, Business process optimization), By Deployment (Cloud Based, On-premises), By Technology (ML, NLP, Context-Aware Computing, Computer Vision), By Component (Platform/Tools, Services), 2018-2032

<https://marketpublishers.com/r/B5861CA81EB8EN.html>

Date: April 2025

Pages: 181

Price: US\$ 3,680.00 (Single User License)

ID: B5861CA81EB8EN

Abstracts

Blockchain AI Market Outlook

The Blockchain AI Market size is expected to register a growth rate of 21.4% during the forecast period from \$691.6 Million in 2025 to \$2687.7 Million in 2032. The Blockchain AI market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Blockchain AI segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Smart Contracts, Payment and settlement, Data Security, Data Sharing/Communication, Asset Tracking and Management, Logistics and supply chain management, Business process optimization), By Deployment (Cloud Based, On-premises), By Technology (ML, NLP, Context-Aware Computing, Computer Vision), By Component (Platform/Tools, Services). Over 70 tables and charts showcase

findings from our latest survey report on Blockchain AI markets.

Blockchain AI Market Insights, 2025

The Blockchain AI Market is transforming with AI-powered automated smart contracts, automation-enhanced real-time decentralized data processing, and machine learning-driven predictive blockchain security analysis. Companies such as IBM Blockchain, Microsoft Azure Blockchain, ConsenSys, and R3 are innovating with AI-enhanced automated digital asset verification, blockchain-backed secure AI model training, and IoT-integrated real-time decentralized finance (DeFi) solutions. The increasing demand for automation-powered AI-driven blockchain fraud detection, AI-enhanced cloud-native real-time secure data exchange, and AI-driven real-time NFT and cryptocurrency security is reshaping the industry. However, challenges in AI-powered compliance with blockchain regulatory frameworks, cybersecurity risks in automation-enhanced decentralized AI models, and technical limitations in AI-driven real-time blockchain scalability persist. Additionally, SEC and CFTC regulations on AI-powered blockchain financial applications, evolving fintech standards on automation-enhanced decentralized AI governance, and corporate investment in AI-driven blockchain security are influencing market expansion.

Five Trends that will define global Blockchain AI market in 2025 and Beyond

A closer look at the multi-million market for Blockchain AI identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Blockchain AI companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Blockchain AI vendors.

What are the biggest opportunities for growth in the Blockchain AI industry?

The Blockchain AI sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Blockchain AI Market Segment Insights

The Blockchain AI industry presents strong offers across categories. The analytical report offers forecasts of Blockchain AI industry performance across segments and countries. Key segments in the industry include%li%By Application (Smart Contracts, Payment and settlement, Data Security, Data Sharing/Communication, Asset Tracking and Management, Logistics and supply chain management, Business process optimization), By Deployment (Cloud Based, On-premises), By Technology (ML, NLP, Context-Aware Computing, Computer Vision), By Component (Platform/Tools, Services). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Blockchain AI market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Blockchain AI industry ecosystem. It assists decision-makers in evaluating global Blockchain AI market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Blockchain AI industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Blockchain AI Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer

purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Blockchain AI Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Blockchain AI with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Blockchain AI market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Blockchain AI market Insights%li%Vendors are exploring new opportunities within the US Blockchain AI industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Blockchain AI companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Blockchain AI market.

Latin American Blockchain AI market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Blockchain AI Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Blockchain AI markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Blockchain AI markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Blockchain AI companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include AlphaNetworks, Bext360, Chainhaus, Core Scientific, Cyware Labs, Fetch.ai, Figure Technologies, Hannah Systems, NetObjex, Neurochain Tech, SingularityNET.

Blockchain AI Market Segmentation

By Application

Smart Contracts

Payment and settlement

Data Security

Data Sharing/Communication

Asset Tracking and Management

Logistics and supply chain management

Business process optimization

By Deployment

Cloud Based

On-premises

By Technology

ML

NLP

Context-Aware Computing

Computer Vision

By Component

Platform/Tools

Services

Leading Companies

AlphaNetworks

Bext360

Chainhaus

Core Scientific

Cyware Labs

Fetch.ai

Figure Technologies

Hannah Systems

NetObjex

Neurochain Tech

SingularityNET

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Application

Smart Contracts

Payment and settlement

Data Security

Data Sharing/Communication

Asset Tracking and Management

Logistics and supply chain management

Business process optimization

By Deployment

Cloud Based

On-premises

By Technology

ML

NLP

Context-Aware Computing

Computer Vision

By Component

Platform/Tools

Services

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Bext360

Chainhaus

Core Scientific

Cyware Labs

Fetch.ai

Figure Technologies

Hannah Systems

NetObjex

Neurochain Tech

SingularityNET

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