

# **Blockchain Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Private, Public, Hybrid), By Provider (Application, Middleware, Infrastructure), By Application**

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## **Abstracts**

The Blockchain Market is valued at USD 40.6 billion in 2025 and is projected to grow at a CAGR of 48.7% to reach USD 1444.1 billion by 2034. The Blockchain Market continues to expand at a rapid pace as organizations worldwide increasingly adopt decentralized ledger technology to enhance transparency, security, and efficiency across various industries. Blockchain's ability to create immutable, tamper-proof records makes it an ideal solution for applications ranging from financial services and supply chain management to healthcare, energy, and beyond. The technology's potential to reduce fraud, streamline processes, and improve data accuracy has driven significant interest and investment, both from traditional enterprises and innovative startups. Key drivers of growth include the rising demand for secure and transparent transactions, increasing regulatory support for blockchain-based solutions, and advancements in blockchain scalability and interoperability. Additionally, the proliferation of decentralized finance (DeFi), non-fungible tokens (NFTs), and enterprise blockchain platforms has further fueled market expansion. As blockchain moves beyond its early association with cryptocurrencies, a growing number of organizations are exploring its applications for identity management, data privacy, digital voting, and more. Despite its promise, the blockchain market faces challenges such as regulatory uncertainty, high initial implementation costs, and a shortage of skilled professionals. However, ongoing innovation, the emergence of new use cases, and the increasing collaboration between blockchain providers and traditional industries are expected to drive continued growth and adoption in the years ahead.

## **Key Insights Blockchain Market**

1. Increasing integration of blockchain technology in supply chain and logistics operations. 2. Growing adoption of decentralized finance (DeFi) platforms and services. 3. Expansion of enterprise blockchain networks for intercompany data sharing and collaboration. 4. Development of eco-friendly blockchain protocols with lower energy consumption. 5. Rising use of blockchain for identity verification, secure digital credentials, and decentralized storage solutions. 1. Rising demand for secure, transparent, and tamper-proof transaction records. 2. Advancements in blockchain scalability and interoperability. 3. Increasing regulatory recognition and support for blockchain applications. 4. Growing investment in blockchain R&D and the emergence of innovative use cases. 1. Regulatory uncertainty and varying legal frameworks across regions. 2. High initial costs and technical complexity of blockchain implementation. 3. Scalability issues, particularly on public blockchain networks. 4. Shortage of skilled blockchain professionals and developers.

## Blockchain Market Segmentation

### By Type

Private

Public

Hybrid

### By Provider

Application

Middleware

Infrastructure

### By Application

BFSI

Telecom & IT

Government

### Key Companies Analysed

Microsoft Corp.

IBM Corp.

Oracle Corp.

AlphaNetworks Inc.

Salesforce Inc.

Fidelity Information Services LLC

CertiK

Barca Vision

Core Scientific Inc.

Hannah Systems

ORS Group

Figure Technologies Inc.

SandboxAQ

Plato Technologies Inc.

NetObjex Inc.

Phlo Systems Ltd.

Cyware Labs Pvt. Ltd.

Bext Holdings Inc.

Neurochain Tech

Fetch.AI

Solidus Labs

Gainfy Healthcare Network

BurstIQ Inc.

Token Metrics Media LLC

Blackbird.AI

AnChain.Ai

Verisart Inc.

WealthBlock

Petuum Inc.

Scifn

## Blockchain Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting

scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Blockchain Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Blockchain market data and outlook to 2034

United States

Canada

Mexico

Europe — Blockchain market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Blockchain market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Blockchain market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Blockchain market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Blockchain value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Blockchain industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Blockchain Market Report

Global Blockchain market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Blockchain trade, costs, and supply chains

Blockchain market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Blockchain market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Blockchain market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Blockchain supply chain analysis

Blockchain trade analysis, Blockchain market price analysis, and Blockchain supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Blockchain market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the

impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

## Contents

### **1. TABLE OF CONTENTS**

- 1.1 List of Tables
- 1.2 List of Figures

### **2. GLOBAL BLOCKCHAIN MARKET SUMMARY, 2025**

- 2.1 Blockchain Industry Overview
  - 2.1.1 Global Blockchain Market Revenues (In US\$ billion)
- 2.2 Blockchain Market Scope
- 2.3 Research Methodology

### **3. BLOCKCHAIN MARKET INSIGHTS, 2024-2034**

- 3.1 Blockchain Market Drivers
- 3.2 Blockchain Market Restraints
- 3.3 Blockchain Market Opportunities
- 3.4 Blockchain Market Challenges
- 3.5 Tariff Impact on Global Blockchain Supply Chain Patterns

### **4. BLOCKCHAIN MARKET ANALYTICS**

- 4.1 Blockchain Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Blockchain Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Blockchain Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Blockchain Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Blockchain Market
  - 4.5.1 Blockchain Industry Attractiveness Index, 2025
  - 4.5.2 Blockchain Supplier Intelligence
  - 4.5.3 Blockchain Buyer Intelligence
  - 4.5.4 Blockchain Competition Intelligence
  - 4.5.5 Blockchain Product Alternatives and Substitutes Intelligence
  - 4.5.6 Blockchain Market Entry Intelligence

### **5. GLOBAL BLOCKCHAIN MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034**

- 5.1 World Blockchain Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)
- 5.1 Global Blockchain Sales Outlook and CAGR Growth By Type, 2024- 2034 (\$ billion)
- 5.2 Global Blockchain Sales Outlook and CAGR Growth By Provider, 2024- 2034 (\$ billion)
- 5.3 Global Blockchain Sales Outlook and CAGR Growth By Application, 2024- 2034 (\$ billion)
- 5.4 Global Blockchain Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

## **6. ASIA PACIFIC BLOCKCHAIN INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK**

- 6.1 Asia Pacific Blockchain Market Insights, 2025
- 6.2 Asia Pacific Blockchain Market Revenue Forecast By Type, 2024- 2034 (USD billion)
- 6.3 Asia Pacific Blockchain Market Revenue Forecast By Provider, 2024- 2034 (USD billion)
- 6.4 Asia Pacific Blockchain Market Revenue Forecast By Application, 2024- 2034 (USD billion)
- 6.5 Asia Pacific Blockchain Market Revenue Forecast by Country, 2024- 2034 (USD billion)
  - 6.5.1 China Blockchain Market Size, Opportunities, Growth 2024- 2034
  - 6.5.2 India Blockchain Market Size, Opportunities, Growth 2024- 2034
  - 6.5.3 Japan Blockchain Market Size, Opportunities, Growth 2024- 2034
  - 6.5.4 Australia Blockchain Market Size, Opportunities, Growth 2024- 2034

## **7. EUROPE BLOCKCHAIN MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034**

- 7.1 Europe Blockchain Market Key Findings, 2025
- 7.2 Europe Blockchain Market Size and Percentage Breakdown By Type, 2024- 2034 (USD billion)
- 7.3 Europe Blockchain Market Size and Percentage Breakdown By Provider, 2024- 2034 (USD billion)
- 7.4 Europe Blockchain Market Size and Percentage Breakdown By Application, 2024- 2034 (USD billion)
- 7.5 Europe Blockchain Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)
  - 7.5.1 Germany Blockchain Market Size, Trends, Growth Outlook to 2034

- 7.5.2 United Kingdom Blockchain Market Size, Trends, Growth Outlook to 2034
- 7.5.2 France Blockchain Market Size, Trends, Growth Outlook to 2034
- 7.5.2 Italy Blockchain Market Size, Trends, Growth Outlook to 2034
- 7.5.2 Spain Blockchain Market Size, Trends, Growth Outlook to 2034

## **8. NORTH AMERICA BLOCKCHAIN MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034**

- 8.1 North America Snapshot, 2025
- 8.2 North America Blockchain Market Analysis and Outlook By Type, 2024- 2034 (\$ billion)
- 8.3 North America Blockchain Market Analysis and Outlook By Provider, 2024- 2034 (\$ billion)
- 8.4 North America Blockchain Market Analysis and Outlook By Application, 2024- 2034 (\$ billion)
- 8.5 North America Blockchain Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)
  - 8.5.1 United States Blockchain Market Size, Share, Growth Trends and Forecast, 2024- 2034
  - 8.5.1 Canada Blockchain Market Size, Share, Growth Trends and Forecast, 2024- 2034
  - 8.5.1 Mexico Blockchain Market Size, Share, Growth Trends and Forecast, 2024- 2034

## **9. SOUTH AND CENTRAL AMERICA BLOCKCHAIN MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS**

- 9.1 Latin America Blockchain Market Data, 2025
- 9.2 Latin America Blockchain Market Future By Type, 2024- 2034 (\$ billion)
- 9.3 Latin America Blockchain Market Future By Provider, 2024- 2034 (\$ billion)
- 9.4 Latin America Blockchain Market Future By Application, 2024- 2034 (\$ billion)
- 9.5 Latin America Blockchain Market Future by Country, 2024- 2034 (\$ billion)
  - 9.5.1 Brazil Blockchain Market Size, Share and Opportunities to 2034
  - 9.5.2 Argentina Blockchain Market Size, Share and Opportunities to 2034

## **10. MIDDLE EAST AFRICA BLOCKCHAIN MARKET OUTLOOK AND GROWTH PROSPECTS**

- 10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Blockchain Market Statistics By Type, 2024- 2034 (USD billion)

10.3 Middle East Africa Blockchain Market Statistics By Provider, 2024- 2034 (USD billion)

10.4 Middle East Africa Blockchain Market Statistics By Application, 2024- 2034 (USD billion)

10.5 Middle East Africa Blockchain Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Blockchain Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Blockchain Market Value, Trends, Growth Forecasts to 2034

## **11. BLOCKCHAIN MARKET STRUCTURE AND COMPETITIVE LANDSCAPE**

11.1 Key Companies in Blockchain Industry

11.2 Blockchain Business Overview

11.3 Blockchain Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

## **12 APPENDIX**

12.1 Global Blockchain Market Volume (Tons)

12.1 Global Blockchain Trade and Price Analysis

12.2 Blockchain Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Blockchain Industry Report Sources and Methodology

## I would like to order

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