

Automotive Blockchain Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A8AE1FA26163EN.html>

Date: July 2023

Pages: 141

Price: US\$ 2,499.00 (Single User License)

ID: A8AE1FA26163EN

Abstracts

Market Overview:

The global automotive blockchain market size reached US\$ 588.5 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2,904.3 Million by 2028, exhibiting a growth rate (CAGR) of 28.98% during 2023-2028.

Automotive blockchain refers to a decentralized ledger used to store, keep track and monitor data related to automobiles. It is linked through the means of cryptography, which focuses on transforming data into formats unrecognized by unauthorized users to provide immediate, shared, and transparent information. Automotive blockchain offers multiple benefits, including fast warranty claim processing, easy-to-track operations, enhanced smart contracts and car sales, tamper-proof transaction records, improved transparency, instant traceability, and reduced payment exchange fees. Apart from this, it is widely used to streamline procedures, store unique data, verify and secure vehicle mileages and curb fraudulent activities.

Automotive Blockchain Market Trends:

The growing number of vehicle manufacturing processes across the globe is creating a positive outlook for the market. Automotive blockchain is widely used to enhance supply chain management and help original equipment manufacturers (OEMs) follow up on automotive parts and components regarding their latest modifications, thus aiding in identifying counterfeit products and ensuring high-quality products and services to consumers. In line with this, the increasing investments in autonomous vehicles and mobility services, such as vehicle leasing, rental, sharing, hailing, and pooling, have facilitated the demand for automotive blockchain to allow car rental companies to

monitor the maintenance, cleaning, rent, and user data of registered vehicles. This, in turn, is supporting the market growth. Apart from this, various advancements in technologies, such as the integration of the Internet of Things (IoT) and artificial intelligence (AI) with connected devices, to track, process, authenticate and exchange transaction systems are providing an impetus to the market growth. Other factors, including the increasing focus on reducing data leaks and manipulations, the rising need for faster transactions and extensive research and development (R&D) activities, are anticipated to drive the market further toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive blockchain market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, provider, mobility type, application and end user.

Breakup by Type:

- Public Blockchain
- Private Blockchain
- Hybrid Blockchain

Breakup by Provider:

- Application and Solution
- Middleware
- Infrastructure and Protocol

Breakup by Mobility Type:

- Personal Mobility
- Shared Mobility
- Commercial Mobility

Breakup by Application:

- Financing

Mobility Solutions
Smart Contract
Supply Chain

Breakup by End User:

OEMs
Vehicle Owners
Mobility as a Service Provider
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Accenture plc, BigchainDB GmbH, carVertical, ConsenSys, GemOS, HCL Technologies Limited (HCL Enterprise), International Business Machines Corporation, Microsoft Corporation, NXM Labs Inc., ShiftMobility Inc. and Tech Mahindra Limited.

Key Questions Answered in This Report

1. What was the size of the global automotive blockchain market in 2022?
2. What is the expected growth rate of the global automotive blockchain market during 2023-2028?
3. What are the key factors driving the global automotive blockchain market?
4. What has been the impact of COVID-19 on the global automotive blockchain market?
5. What is the breakup of the global automotive blockchain market based on the provider?
6. What is the breakup of the global automotive blockchain market based on the application?
7. What are the key regions in the global automotive blockchain market?
8. Who are the key players/companies in the global automotive blockchain market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AUTOMOTIVE BLOCKCHAIN MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Public Blockchain
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Private Blockchain
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Hybrid Blockchain

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY PROVIDER

- 7.1 Application and Solution
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Middleware
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Infrastructure and Protocol
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY MOBILITY TYPE

- 8.1 Personal Mobility
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Shared Mobility
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Commercial Mobility
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

- 9.1 Financing
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Mobility Solutions
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Smart Contract
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Supply Chain

9.4.1 Market Trends

9.4.2 Market Forecast

10 MARKET BREAKUP BY END USER

10.1 OEMs

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Vehicle Owners

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Mobility as a Service Provider

10.3.1 Market Trends

10.3.2 Market Forecast

10.4 Others

10.4.1 Market Trends

10.4.2 Market Forecast

11 MARKET BREAKUP BY REGION

11.1 North America

11.1.1 United States

11.1.1.1 Market Trends

11.1.1.2 Market Forecast

11.1.2 Canada

11.1.2.1 Market Trends

11.1.2.2 Market Forecast

11.2 Asia-Pacific

11.2.1 China

11.2.1.1 Market Trends

11.2.1.2 Market Forecast

11.2.2 Japan

11.2.2.1 Market Trends

11.2.2.2 Market Forecast

11.2.3 India

11.2.3.1 Market Trends

11.2.3.2 Market Forecast

11.2.4 South Korea

11.2.4.1 Market Trends

- 11.2.4.2 Market Forecast
- 11.2.5 Australia
 - 11.2.5.1 Market Trends
 - 11.2.5.2 Market Forecast
- 11.2.6 Indonesia
 - 11.2.6.1 Market Trends
 - 11.2.6.2 Market Forecast
- 11.2.7 Others
 - 11.2.7.1 Market Trends
 - 11.2.7.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.1.1 Market Trends
 - 11.3.1.2 Market Forecast
 - 11.3.2 France
 - 11.3.2.1 Market Trends
 - 11.3.2.2 Market Forecast
 - 11.3.3 United Kingdom
 - 11.3.3.1 Market Trends
 - 11.3.3.2 Market Forecast
 - 11.3.4 Italy
 - 11.3.4.1 Market Trends
 - 11.3.4.2 Market Forecast
 - 11.3.5 Spain
 - 11.3.5.1 Market Trends
 - 11.3.5.2 Market Forecast
 - 11.3.6 Russia
 - 11.3.6.1 Market Trends
 - 11.3.6.2 Market Forecast
 - 11.3.7 Others
 - 11.3.7.1 Market Trends
 - 11.3.7.2 Market Forecast
- 11.4 Latin America
 - 11.4.1 Brazil
 - 11.4.1.1 Market Trends
 - 11.4.1.2 Market Forecast
 - 11.4.2 Mexico
 - 11.4.2.1 Market Trends
 - 11.4.2.2 Market Forecast

11.4.3 Others

11.4.3.1 Market Trends

11.4.3.2 Market Forecast

11.5 Middle East and Africa

11.5.1 Market Trends

11.5.2 Market Breakup by Country

11.5.3 Market Forecast

12 SWOT ANALYSIS

12.1 Overview

12.2 Strengths

12.3 Weaknesses

12.4 Opportunities

12.5 Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

14.1 Overview

14.2 Bargaining Power of Buyers

14.3 Bargaining Power of Suppliers

14.4 Degree of Competition

14.5 Threat of New Entrants

14.6 Threat of Substitutes

15 PRICE ANALYSIS

16 COMPETITIVE LANDSCAPE

16.1 Market Structure

16.2 Key Players

16.3 Profiles of Key Players

16.3.1 Accenture plc

16.3.1.1 Company Overview

16.3.1.2 Product Portfolio

16.3.1.3 Financials

16.3.1.4 SWOT Analysis

- 16.3.2 BigchainDB GmbH
 - 16.3.2.1 Company Overview
 - 16.3.2.2 Product Portfolio
- 16.3.3 carVertical
 - 16.3.3.1 Company Overview
 - 16.3.3.2 Product Portfolio
- 16.3.4 ConsenSys
 - 16.3.4.1 Company Overview
 - 16.3.4.2 Product Portfolio
- 16.3.5 GemOS
 - 16.3.5.1 Company Overview
 - 16.3.5.2 Product Portfolio
- 16.3.6 HCL Technologies Limited (HCL Enterprise)
 - 16.3.6.1 Company Overview
 - 16.3.6.2 Product Portfolio
 - 16.3.6.3 Financials
 - 16.3.6.4 SWOT Analysis
- 16.3.7 International Business Machines Corporation
 - 16.3.7.1 Company Overview
 - 16.3.7.2 Product Portfolio
 - 16.3.7.3 Financials
- 16.3.8 Microsoft Corporation
 - 16.3.8.1 Company Overview
 - 16.3.8.2 Product Portfolio
 - 16.3.8.3 Financials
 - 16.3.8.4 SWOT Analysis
- 16.3.9 NXM Labs Inc.
 - 16.3.9.1 Company Overview
 - 16.3.9.2 Product Portfolio
- 16.3.10 ShiftMobility Inc.
 - 16.3.10.1 Company Overview
 - 16.3.10.2 Product Portfolio
- 16.3.11 Tech Mahindra Limited
 - 16.3.11.1 Company Overview
 - 16.3.11.2 Product Portfolio
 - 16.3.11.3 Financials
 - 16.3.11.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Automotive Blockchain Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Automotive Blockchain Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Automotive Blockchain Market Forecast: Breakup by Provider (in Million US\$), 2023-2028

Table 4: Global: Automotive Blockchain Market Forecast: Breakup by Mobility Type (in Million US\$), 2023-2028

Table 5: Global: Automotive Blockchain Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 6: Global: Automotive Blockchain Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 7: Global: Automotive Blockchain Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Automotive Blockchain Market: Competitive Structure

Table 9: Global: Automotive Blockchain Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Automotive Blockchain Market: Major Drivers and Challenges

Figure 2: Global: Automotive Blockchain Market: Sales Value (in Million US\$), 2017-2022

Figure 3: Global: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 4: Global: Automotive Blockchain Market: Breakup by Type (in %), 2022

Figure 5: Global: Automotive Blockchain Market: Breakup by Provider (in %), 2022

Figure 6: Global: Automotive Blockchain Market: Breakup by Mobility Type (in %), 2022

Figure 7: Global: Automotive Blockchain Market: Breakup by Application (in %), 2022

Figure 8: Global: Automotive Blockchain Market: Breakup by End User (in %), 2022

Figure 9: Global: Automotive Blockchain Market: Breakup by Region (in %), 2022

Figure 10: Global: Automotive Blockchain (Public Blockchain) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Automotive Blockchain (Public Blockchain) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Automotive Blockchain (Private Blockchain) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Automotive Blockchain (Private Blockchain) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Automotive Blockchain (Hybrid Blockchain) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Automotive Blockchain (Hybrid Blockchain) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Automotive Blockchain (Application and Solution) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Automotive Blockchain (Application and Solution) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Automotive Blockchain (Middleware) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Automotive Blockchain (Middleware) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Automotive Blockchain (Infrastructure and Protocol) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Automotive Blockchain (Infrastructure and Protocol) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Automotive Blockchain (Personal Mobility) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Automotive Blockchain (Personal Mobility) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Automotive Blockchain (Shared Mobility) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Automotive Blockchain (Shared Mobility) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Automotive Blockchain (Commercial Mobility) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Automotive Blockchain (Commercial Mobility) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Automotive Blockchain (Financing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Automotive Blockchain (Financing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Automotive Blockchain (Mobility Solutions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Automotive Blockchain (Mobility Solutions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Automotive Blockchain (Smart Contract) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Automotive Blockchain (Smart Contract) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Automotive Blockchain (Supply Chain) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Automotive Blockchain (Supply Chain) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Automotive Blockchain (OEMs) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Automotive Blockchain (OEMs) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: Automotive Blockchain (Vehicle Owners) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: Automotive Blockchain (Vehicle Owners) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Automotive Blockchain (Mobility as a Service Provider) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: Automotive Blockchain (Mobility as a Service Provider) Market

Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Global: Automotive Blockchain (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Global: Automotive Blockchain (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: North America: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: North America: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: United States: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: United States: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Canada: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Canada: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Asia-Pacific: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Asia-Pacific: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: China: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: China: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Japan: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Japan: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: India: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: India: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: South Korea: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: South Korea: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Australia: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Australia: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Indonesia: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Indonesia: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Others: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Others: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Europe: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Europe: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Germany: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Germany: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: France: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: France: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: United Kingdom: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: United Kingdom: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Italy: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Italy: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Spain: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Spain: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Russia: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Russia: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Others: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 &

2022

Figure 81: Others: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Latin America: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Latin America: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Brazil: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Brazil: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Mexico: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 87: Mexico: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 88: Others: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Others: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 90: Middle East and Africa: Automotive Blockchain Market: Sales Value (in Million US\$), 2017 & 2022

Figure 91: Middle East and Africa: Automotive Blockchain Market: Breakup by Country (in %), 2022

Figure 92: Middle East and Africa: Automotive Blockchain Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 93: Global: Automotive Blockchain Industry: SWOT Analysis

Figure 94: Global: Automotive Blockchain Industry: Value Chain Analysis

Figure 95: Global: Automotive Blockchain Industry: Porter's Five Forces Analysis

I would like to order

Product name: Automotive Blockchain Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/A8AE1FA26163EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A8AE1FA26163EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

