

Web 3.0 Blockchain Market: Segmented:By Blockchain Type (Public, Private, Consortium, Hybrid), By Application (Cryptocurrency, Conversational AI, Data & Transaction Storage, Payments, Smart Contract, Others), By Vertical (BFSI, E-Commerce & Retail, Media & Entertainment, Healthcare & Pharmaceuticals, IT & Telecom, Others), By Organization Size (Small and Medium-Sized Enterprises, Large Enterprises), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

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Abstracts

[170 + Pages Research Report] Web 3.0 Blockchain Market to surpass USD 1,26,979.4 million by 2031 from USD 2,926 million in 2021 at a CAGR of 45.8% in the coming years, i.e., 2021-2031.

Product Overview

Web 3.0 refers to the next generation of the internet, in which websites and applications will be able to handle data in a clever human-like manner using technologies such as machine learning (ML), Big Data, and decentralized ledger technology (DLT), among others. It's a latest Internet technology that combines machine learning, artificial intelligence, and blockchain to enable real-time human communication. The best part is that web 3.0 not only gives people control over their data, but it also pays them for their online time.

Market Highlights

The global Web 3.0 Blockchain Market is expected to register a notable CAGR of 45.8% by 2031

Web 3.0 is preparing to transform the way businesses work and internet users engage with the digital world. Web 3.0 blockchain is being used by businesses to better data security and privacy, which is projected to drive the worldwide web 3.0 blockchain market forward.

Global Web 3.0 Blockchain Market: Segments

Public segment to grow with the highest CAGR during 2021-31

Based on Blockchain Type, the Global Web 3.0 Blockchain Market is fragmented into Public, Private, Consortium, Hybrid. Over the projection period, the public segment is expected to develop faster. Due to rising demand, public blockchain technology is expected to dominate the worldwide web 3.0 blockchain industry, as it requires no laws and is very secure.

Large Enterprises segment is anticipated to lead the market with the highest CAGR during 2021-31

By Organization Size, the Global Web 3.0 Blockchain Market is divided into Small and Medium-Sized Enterprises, Large Enterprises. Large Enterprises segment accounted for the largest market share of the global Web 3.0 Blockchain market. They are investing much on technical advancement to keep ahead of the competition.

Market Dynamics

Drivers

Constant advancement of technologies

Broadband, high-speed internet, and strong connected devices have enabled service. The advancement of technologies has the ability to improve Web3.0 usage. It is essential to build this technology on blockchain logic in order to make it a data protection tool. Since the actual blockchain logic ensures that we carry our info locally. Users will be able to access data from various applications without having to be on a certain platform due to Web 3.0 technologies.

Increased Transparency

Web 3.0 will be far more secure than previous versions. Hackers will be unable to access the network without the activity being traced back to them, due to decentralization and dispersed nature. The monopoly of digital corporations will come to an end as people gain control over how their data is seen, and data privacy attacks will become rare.

Restraint

Unauthorized access to sensitive data

Web 3.0 is a collection of latest advancements combined with new tools and scripts, rather than a separate or independent technology. The underlying technologies come with dangers that are particular to these technologies. Unauthorized access to sensitive data or data alteration by unauthorized individuals are the primary concerns highlighted. SQL injections, spyware, hyper-targeted spam, and internet ranking manipulation are examples of new and more complex electronic attacks.

Global Web 3.0 Blockchain Market: Key Players

Helium Systems Inc.

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Polkadot (Web3 Foundation)

Ocean Protocol Foundation Ltd

Decentraland

Biance

Alchemy Insights, Inc.

Flux

Filecoin

Kadena

ZCash

Other Prominent Players

Global Web 3.0 Blockchain Market: Regions

Global Web 3.0 Blockchain Market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. During the projected period, North America is expected to develop at the fastest CAGR. Government initiatives for 5G infrastructure development are expanding, as is the usage of advanced technologies like blockchain, and the need for decentralized apps and services throughout the world.

Impact of COVID-19 on Global Web 3.0 Blockchain Market

COVID-19 epidemic has caused damage all around the world, affecting face-to-face education. As a result, institutions have introduced online learning methods to help students study more effectively. The technology acceptance model (TAM) was used to predict students' desire to utilize Web 3.0 during the COVID-19 pandemic by including perceived enjoyment (PE), facilitating conditions (FC), and perceived compatibility (PC).

Global Web 3.0 Blockchain Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Russia, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, South East Asia, Australia, and Rest of Asia Pacific

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – GCC, Turkey, South Africa, and Rest of Middle East and Africa

Global Web 3.0 Blockchain Market report also contains an analysis on:

Global Web 3.0 Blockchain Market Segments:

By Blockchain Type

Public

Private

Consortium

Hybrid

By Applications

Cryptocurrency

Conversational AI

Data & Transaction Storage

Payments

Smart Contract

Others

By Vertical

BFSI

E-Commerce & Retail

Media & Entertainment

Healthcare & Pharmaceuticals

IT & Telecom

Others

By Organization Size

Small and Medium-Sized Enterprises

Large Enterprises

Global Web 3.0 Blockchain Market Dynamics

Global Web 3.0 Blockchain Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Global Web 3.0 Blockchain Market Report Scope and Segmentation

Report Attribute

Details

Market size value in 2021 USD 2,926 million

Revenue forecast in 2031 USD 1,26,979.4 million

Growth Rate CAGR of 45.8% from 2021 to 2031

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2031

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered

Blockchain Type , Applications, Vertical , Organization Size and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Polkadot (Web3 Foundation), Helium Systems Inc., Ocean Protocol Foundation Ltd., Decentraland, Flux, Filecoin, Kadena, ZCash, Bianca, Alchemy Insights, Inc and other prominent players.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL WEB 3.0 BLOCKCHAIN MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL WEB 3.0 BLOCKCHAIN MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL WEB 3.0 BLOCKCHAIN MARKET

11.1. Market Size & forecast, 2020A-2031F

11.1.1. By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

11.1.2. By Volume (Million Units) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12. GLOBAL WEB 3.0 BLOCKCHAIN MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.2. Latin America: (Brazil, Mexico, Rest of Latin America), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, Russia, Rest of Europe), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, South East Asia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.5. Middle East and Africa: (GCC, Turkey, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.2. By Blockchain Type: Market Share (2020-2031F)

12.2.1. Public, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.2.2. Private, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.2.3. Consortium, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

12.2.4. Hybrid, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

13. BY APPLICATION: MARKET SHARE (2020-2031F)

13.1. Cryptocurrency, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

13.2. Conversational AI, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

13.3. Data & Transaction Storage, By Value (USD Million) 2020-2031F; Y-o-Y Growth
(%) 2021-2031F

13.4. Payments, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

13.5. Smart Contract, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

13.6. Others, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

14. BY VERTICAL: MARKET SHARE (2020-2031F)

14.1. BFSI, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

14.2. E-Commerce & Retail, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

14.3. Media & Entertainment, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

14.4. Healthcare & Pharmaceuticals, By Value (USD Million) 2020-2031F; Y-o-Y Growth
(%) 2021-2031F

14.5. IT & Telecom, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

14.6. Others, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15. BY ORGANIZATION SIZE: MARKET SHARE (2020-2031F)

15.1. Small and Medium-Sized Enterprises, By Value (USD Million) 2020-2031F; Y-o-Y
Growth (%) 2021-2031F

15.2. Large Enterprises, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)
2021-2031F

16. COMPANY PROFILE

16.1. Helium Systems Inc.

16.1.1. Company Overview

16.1.2. Company Total Revenue (Financials)

16.1.3. Market Potential

16.1.4. Global Presence

16.1.5. Key Performance Indicators

16.1.6. SWOT Analysis

16.1.7. Product Launch

16.2. Polkadot (Web3 Foundation)

16.3. Ocean Protocol Foundation Ltd

16.4. Decentraland

16.5. Bianca

16.6. Alchemy Insights, Inc.

16.7. Flux

16.8. Filecoin

16.9. Kadena

16.10. ZCash

16.11. Other Prominent Players

16.11.1. Consultant Recommendation

16.11.2. The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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