

Big Data Security Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global big data security market size reached US\$ 19.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 50.3 Billion by 2028, exhibiting a growth rate (CAGR) of 16.1% during 2023-2028.

Big data security refers to various measures and tools employed to safeguard data and analytics processes. It protects against cyberattacks, thefts, or other malicious activities that could potentially harm valuable data. It also assists in ensuring the security of transactions and data storage logs, improving the efficiency of systems, enabling convenient resource sharing, and preventing unauthorized access to enhance the safety and performance of the organization. Since cyber threats can lead to financial losses, reputational damage, and operational downtime, big data security has gained prominence among businesses across the globe.

Big Data Security Market Trends:

Nowadays, various enterprises are using big data analytics tools to improve their business strategies and performance, which increases the risks of cyberattacks. With the rising privacy concerns, there has been widespread adoption of advanced security solutions. Besides this, the recent outbreak of coronavirus disease (COVID-19) has accelerated the adoption of work-from-home (WFH) policies, which, in turn, is escalating the demand for big data security to provide a cyber-safe remote-working environment to employees. Additionally, the growing inclination toward the usage of advanced digital technologies like cloud solutions is strengthening the need for big data security solutions. Furthermore, governments of various nations are introducing stringent regulations for data protection and privacy. This, in confluence with the integration of artificial intelligence (AI) and machine learning (ML) technologies in big data security

solutions, is catalyzing the market growth. Moreover, the emerging digitization trend, growing adoption of bring-your-own-device (BYOD) policies, rapid internet penetration, and increasing investments in security solutions are some of the other factors providing a positive market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global big data security market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, deployment mode, organization size, technology and end use industry.

Breakup by Component:

Solution

- Data Discovery and Classification
- Data Authorization and Access
- Data Encryption, Tokenization and Masking
- Data Auditing and Monitoring
- Data Governance and Compliance
- Data Security Analytics
- Data Backup and Recovery
- Services

Breakup by Deployment Mode:

- On-premises
- Cloud-based

Breakup by Organization Size:

- Small and Medium-sized Enterprises
- Large Enterprises

Breakup by Technology:

- Identity and Access Management
- Security Information and Event Management
- Intrusion Detection System
- Unified Threat Management

Others

Breakup by End Use Industry:

BFSI

IT and Telecommunication

Healthcare and Pharmaceuticals

Financial and Insurance

Retail Trade

Utilities

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 Amazon Web Services Inc. (Amazon.com Inc.), Check Point Software Technologies Ltd., Cloudera Inc., Fortinet Inc., Google LLC, Hewlett Packard Enterprise Development LP, International Business Machines Corporation, McAfee LLC, Micro Focus International plc, Microsoft Corporation, Oracle Corporation and Thales Group.

Key Questions Answered in This Report

1. What was the size of the global big data security market in 2022?
2. What is the expected growth rate of the global big data security market during 2023-2028?
3. What are the key factors driving the global big data security market?
4. What has been the impact of COVID-19 on the global big data security market?
5. What is the breakup of the global big data security market based on the end use industry?
6. What are the key regions in the global big data security market?
7. Who are the key players/companies in the global big data security 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 BIG DATA SECURITY MARKET

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

6 MARKET BREAKUP BY COMPONENT

- 6.1 Solution
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Data Discovery and Classification
 - 6.1.2.2 Data Authorization and Access
 - 6.1.2.3 Data Encryption, Tokenization and Masking
 - 6.1.2.4 Data Auditing and Monitoring

6.1.2.5 Data Governance and Compliance

6.1.2.6 Data Security Analytics

6.1.2.7 Data Backup and Recovery

6.1.3 Market Forecast

6.2 Services

6.2.1 Market Trends

6.2.2 Market Forecast

7 MARKET BREAKUP BY DEPLOYMENT MODE

7.1 On-premises

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Cloud-based

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY ORGANIZATION SIZE

8.1 Small and Medium-sized Enterprises

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Large Enterprises

8.2.1 Market Trends

8.2.2 Market Forecast

9 MARKET BREAKUP BY TECHNOLOGY

9.1 Identity and Access Management

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Security Information and Event Management

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Intrusion Detection System

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Unified Threat Management

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Others

9.5.1 Market Trends

9.5.2 Market Forecast

10 MARKET BREAKUP BY END USE INDUSTRY

10.1 BFSI

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 IT and Telecommunication

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Healthcare and Pharmaceuticals

10.3.1 Market Trends

10.3.2 Market Forecast

10.4 Financial and Insurance

10.4.1 Market Trends

10.4.2 Market Forecast

10.5 Retail Trade

10.5.1 Market Trends

10.5.2 Market Forecast

10.6 Utilities

10.6.1 Market Trends

10.6.2 Market Forecast

10.7 Others

10.7.1 Market Trends

10.7.2 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 Amazon Web Services Inc. (Amazon.com Inc.)

16.3.1.1 Company Overview

16.3.1.2 Product Portfolio

16.3.1.3 SWOT Analysis

16.3.2 Check Point Software Technologies Ltd.

16.3.2.1 Company Overview

16.3.2.2 Product Portfolio

16.3.2.3 Financials

16.3.2.4 SWOT Analysis

16.3.3 Cloudera Inc.

16.3.3.1 Company Overview

16.3.3.2 Product Portfolio

16.3.4 Fortinet Inc.

16.3.4.1 Company Overview

16.3.4.2 Product Portfolio

16.3.4.3 Financials

16.3.4.4 SWOT Analysis

16.3.5 Google LLC

16.3.5.1 Company Overview

16.3.5.2 Product Portfolio

16.3.5.3 SWOT Analysis

16.3.6 Hewlett Packard Enterprise Development LP

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

16.3.7.4 SWOT Analysis

16.3.8 McAfee LLC

16.3.8.1 Company Overview

- 16.3.8.2 Product Portfolio
- 16.3.8.3 Financials
- 16.3.9 Micro Focus International plc
 - 16.3.9.1 Company Overview
 - 16.3.9.2 Product Portfolio
 - 16.3.9.3 Financials
- 16.3.10 Microsoft Corporation
 - 16.3.10.1 Company Overview
 - 16.3.10.2 Product Portfolio
 - 16.3.10.3 Financials
 - 16.3.10.4 SWOT Analysis
- 16.3.11 Oracle Corporation
 - 16.3.11.1 Company Overview
 - 16.3.11.2 Product Portfolio
 - 16.3.11.3 Financials
 - 16.3.11.4 SWOT Analysis
- 16.3.12 Thales Group
 - 16.3.12.1 Company Overview
 - 16.3.12.2 Product Portfolio
 - 16.3.12.3 Financials
 - 16.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Big Data Security Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Big Data Security Market Forecast: Breakup by Component (in Million US\$), 2023-2028

Table 3: Global: Big Data Security Market Forecast: Breakup by Deployment Mode (in Million US\$), 2023-2028

Table 4: Global: Big Data Security Market Forecast: Breakup by Organization Size (in Million US\$), 2023-2028

Table 5: Global: Big Data Security Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 6: Global: Big Data Security Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

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

Table 8: Global: Big Data Security Market: Competitive Structure

Table 9: Global: Big Data Security Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Big Data Security Market: Major Drivers and Challenges

Figure 2: Global: Big Data Security Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Big Data Security Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Big Data Security Market: Breakup by Component (in %), 2022

Figure 5: Global: Big Data Security Market: Breakup by Deployment Mode (in %), 2022

Figure 6: Global: Big Data Security Market: Breakup by Organization Size (in %), 2022

Figure 7: Global: Big Data Security Market: Breakup by Technology (in %), 2022

Figure 8: Global: Big Data Security Market: Breakup by End Use Industry (in %), 2022

Figure 9: Global: Big Data Security Market: Breakup by Region (in %), 2022

Figure 10: Global: Big Data Security (Solution) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Big Data Security (Solution) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Big Data Security (Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Big Data Security (Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Big Data Security (On-premises) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Big Data Security (On-premises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Big Data Security (Cloud-based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Big Data Security (Cloud-based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Big Data Security (Small and Medium-sized Enterprises) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Big Data Security (Small and Medium-sized Enterprises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Big Data Security (Large Enterprises) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Big Data Security (Large Enterprises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Big Data Security (Identity and Access Management) Market: Sales

Value (in Million US\$), 2017 & 2022

Figure 23: Global: Big Data Security (Identity and Access Management) Market

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

Figure 24: Global: Big Data Security (Security Information and Event Management)

Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Big Data Security (Security Information and Event Management)

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

Figure 26: Global: Big Data Security (Intrusion Detection System) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Big Data Security (Intrusion Detection System) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Big Data Security (Unified Threat Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Big Data Security (Unified Threat Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Big Data Security (Other Technologies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Big Data Security (Other Technologies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Big Data Security (BFSI) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Big Data Security (BFSI) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Big Data Security (IT and Telecommunication) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Big Data Security (IT and Telecommunication) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Big Data Security (Healthcare and Pharmaceuticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Big Data Security (Healthcare and Pharmaceuticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: Big Data Security (Financial and Insurance) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: Big Data Security (Financial and Insurance) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Big Data Security (Retail Trade) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: Big Data Security (Retail Trade) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Global: Big Data Security (Utilities) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Global: Big Data Security (Utilities) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Global: Big Data Security (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Global: Big Data Security (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: North America: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: North America: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: United States: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: United States: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Canada: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Canada: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Asia-Pacific: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Asia-Pacific: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: China: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: China: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Japan: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Japan: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: India: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: India: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: South Korea: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: South Korea: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Australia: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Australia: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Indonesia: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Indonesia: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Europe: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Europe: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Germany: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Germany: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: France: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: France: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: United Kingdom: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: United Kingdom: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Italy: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Italy: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Spain: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Spain: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Russia: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Russia: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Others: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Others: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Latin America: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Latin America: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Brazil: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 87: Brazil: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 88: Mexico: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Mexico: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 90: Others: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 91: Others: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 92: Middle East and Africa: Big Data Security Market: Sales Value (in Million US\$), 2017 & 2022

Figure 93: Middle East and Africa: Big Data Security Market: Breakup by Country (in %), 2022

Figure 94: Middle East and Africa: Big Data Security Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 95: Global: Big Data Security Industry: SWOT Analysis

Figure 96: Global: Big Data Security Industry: Value Chain Analysis

Figure 97: Global: Big Data Security Industry: Porter's Five Forces Analysis

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