

Global Graph Database Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Graph Database market size was valued at US\$ 590.3 million in 2023. With growing demand in downstream market, the Graph Database is forecast to a readjusted size of US\$ 1515.6 million by 2030 with a CAGR of 14.4% during review period.

The research report highlights the growth potential of the global Graph Database market. Graph Database are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Graph Database. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Graph Database market.

In computing, a graph database (GDB) is a database that uses graph structures for semantic queries with nodes, edges and properties to represent and store data. A key concept of the system is the graph (or edge or relationship), which directly relates data items in the store. The relationships allow data in the store to be linked together directly, and in many cases retrieved with one operation.

The market in North America is expected to hold the largest market share. The APAC region is expected to provide significant growth opportunities to vendors in the market and to grow at the highest CAGR during the forecast period. APAC, being a manufacturing hub, is expected to adopt graph database solution and services widely to remain cost efficient and export high-quality goods to other countries.

Key Features:

The report on Graph Database market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Graph Database market. It may include historical data, market segmentation by Type (e.g., RDF, Property Graph), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Graph Database market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Graph Database market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Graph Database industry. This include advancements in Graph Database technology, Graph Database new entrants, Graph Database new investment, and other innovations that are shaping the future of Graph Database.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Graph Database market. It includes factors influencing customer ' purchasing decisions, preferences for Graph Database product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Graph Database market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Graph Database market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental

impact and sustainability aspects of the Graph Database market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Graph Database industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Graph Database market.

Market Segmentation:

Graph Database market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Segmentation by type

RDF

Property Graph

Segmentation by application

BFSI

Telecom and IT

Retail and E-commerce

Healthcare and Life Sciences

Manufacturing

Government and Public

Transportation and Logistics

Energy and Utilities

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

IBM

Microsoft

Oracle

AWS

Neo4j

Orientdb

Teradata

Tibco Software

Franz

OpenLink Software

Marklogic

Tigergraph

MongoDB

Cray

Datastax

Ontotext

Stardog

Arangodb

Sparcity Technologies

Bitnine

Objectivity

Cambridge Semantics

Fluree

Blazegraph

Memgraph

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Graph Database Market Size 2019-2030
 - 2.1.2 Graph Database Market Size CAGR by Region 2019 VS 2023 VS 2030
- 2.2 Graph Database Segment by Type
 - 2.2.1 RDF
 - 2.2.2 Property Graph
- 2.3 Graph Database Market Size by Type
 - 2.3.1 Graph Database Market Size CAGR by Type (2019 VS 2023 VS 2030)
 - 2.3.2 Global Graph Database Market Size Market Share by Type (2019-2024)
- 2.4 Graph Database Segment by Application
 - 2.4.1 BFSI
 - 2.4.2 Telecom and IT
 - 2.4.3 Retail and E-commerce
 - 2.4.4 Healthcare and Life Sciences
 - 2.4.5 Manufacturing
 - 2.4.6 Government and Public
 - 2.4.7 Transportation and Logistics
 - 2.4.8 Energy and Utilities
 - 2.4.9 Others
- 2.5 Graph Database Market Size by Application
 - 2.5.1 Graph Database Market Size CAGR by Application (2019 VS 2023 VS 2030)
 - 2.5.2 Global Graph Database Market Size Market Share by Application (2019-2024)

3 GRAPH DATABASE MARKET SIZE BY PLAYER

3.1 Graph Database Market Size Market Share by Players

3.1.1 Global Graph Database Revenue by Players (2019-2024)

3.1.2 Global Graph Database Revenue Market Share by Players (2019-2024)

3.2 Global Graph Database Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2022-2024)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 GRAPH DATABASE BY REGIONS

4.1 Graph Database Market Size by Regions (2019-2024)

4.2 Americas Graph Database Market Size Growth (2019-2024)

4.3 APAC Graph Database Market Size Growth (2019-2024)

4.4 Europe Graph Database Market Size Growth (2019-2024)

4.5 Middle East & Africa Graph Database Market Size Growth (2019-2024)

5 AMERICAS

5.1 Americas Graph Database Market Size by Country (2019-2024)

5.2 Americas Graph Database Market Size by Type (2019-2024)

5.3 Americas Graph Database Market Size by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Graph Database Market Size by Region (2019-2024)

6.2 APAC Graph Database Market Size by Type (2019-2024)

6.3 APAC Graph Database Market Size by Application (2019-2024)

6.4 China

6.5 Japan

6.6 Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

7 EUROPE

7.1 Europe Graph Database by Country (2019-2024)

7.2 Europe Graph Database Market Size by Type (2019-2024)

7.3 Europe Graph Database Market Size by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Graph Database by Region (2019-2024)

8.2 Middle East & Africa Graph Database Market Size by Type (2019-2024)

8.3 Middle East & Africa Graph Database Market Size by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 GLOBAL GRAPH DATABASE MARKET FORECAST

10.1 Global Graph Database Forecast by Regions (2025-2030)

10.1.1 Global Graph Database Forecast by Regions (2025-2030)

10.1.2 Americas Graph Database Forecast

10.1.3 APAC Graph Database Forecast

10.1.4 Europe Graph Database Forecast

10.1.5 Middle East & Africa Graph Database Forecast

10.2 Americas Graph Database Forecast by Country (2025-2030)

- 10.2.1 United States Graph Database Market Forecast
- 10.2.2 Canada Graph Database Market Forecast
- 10.2.3 Mexico Graph Database Market Forecast
- 10.2.4 Brazil Graph Database Market Forecast
- 10.3 APAC Graph Database Forecast by Region (2025-2030)
 - 10.3.1 China Graph Database Market Forecast
 - 10.3.2 Japan Graph Database Market Forecast
 - 10.3.3 Korea Graph Database Market Forecast
 - 10.3.4 Southeast Asia Graph Database Market Forecast
 - 10.3.5 India Graph Database Market Forecast
 - 10.3.6 Australia Graph Database Market Forecast
- 10.4 Europe Graph Database Forecast by Country (2025-2030)
 - 10.4.1 Germany Graph Database Market Forecast
 - 10.4.2 France Graph Database Market Forecast
 - 10.4.3 UK Graph Database Market Forecast
 - 10.4.4 Italy Graph Database Market Forecast
 - 10.4.5 Russia Graph Database Market Forecast
- 10.5 Middle East & Africa Graph Database Forecast by Region (2025-2030)
 - 10.5.1 Egypt Graph Database Market Forecast
 - 10.5.2 South Africa Graph Database Market Forecast
 - 10.5.3 Israel Graph Database Market Forecast
 - 10.5.4 Turkey Graph Database Market Forecast
 - 10.5.5 GCC Countries Graph Database Market Forecast
- 10.6 Global Graph Database Forecast by Type (2025-2030)
- 10.7 Global Graph Database Forecast by Application (2025-2030)

11 KEY PLAYERS ANALYSIS

11.1 IBM

- 11.1.1 IBM Company Information
- 11.1.2 IBM Graph Database Product Offered
- 11.1.3 IBM Graph Database Revenue, Gross Margin and Market Share (2019-2024)
- 11.1.4 IBM Main Business Overview
- 11.1.5 IBM Latest Developments

11.2 Microsoft

- 11.2.1 Microsoft Company Information
- 11.2.2 Microsoft Graph Database Product Offered
- 11.2.3 Microsoft Graph Database Revenue, Gross Margin and Market Share (2019-2024)

- 11.2.4 Microsoft Main Business Overview
- 11.2.5 Microsoft Latest Developments
- 11.3 Oracle
 - 11.3.1 Oracle Company Information
 - 11.3.2 Oracle Graph Database Product Offered
 - 11.3.3 Oracle Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.3.4 Oracle Main Business Overview
 - 11.3.5 Oracle Latest Developments
- 11.4 AWS
 - 11.4.1 AWS Company Information
 - 11.4.2 AWS Graph Database Product Offered
 - 11.4.3 AWS Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.4.4 AWS Main Business Overview
 - 11.4.5 AWS Latest Developments
- 11.5 Neo4j
 - 11.5.1 Neo4j Company Information
 - 11.5.2 Neo4j Graph Database Product Offered
 - 11.5.3 Neo4j Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.5.4 Neo4j Main Business Overview
 - 11.5.5 Neo4j Latest Developments
- 11.6 Orientdb
 - 11.6.1 Orientdb Company Information
 - 11.6.2 Orientdb Graph Database Product Offered
 - 11.6.3 Orientdb Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.6.4 Orientdb Main Business Overview
 - 11.6.5 Orientdb Latest Developments
- 11.7 Teradata
 - 11.7.1 Teradata Company Information
 - 11.7.2 Teradata Graph Database Product Offered
 - 11.7.3 Teradata Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.7.4 Teradata Main Business Overview
 - 11.7.5 Teradata Latest Developments
- 11.8 Tibco Software
 - 11.8.1 Tibco Software Company Information
 - 11.8.2 Tibco Software Graph Database Product Offered
 - 11.8.3 Tibco Software Graph Database Revenue, Gross Margin and Market Share (2019-2024)

- 11.8.4 Tibco Software Main Business Overview
- 11.8.5 Tibco Software Latest Developments
- 11.9 Franz
 - 11.9.1 Franz Company Information
 - 11.9.2 Franz Graph Database Product Offered
 - 11.9.3 Franz Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.9.4 Franz Main Business Overview
 - 11.9.5 Franz Latest Developments
- 11.10 OpenLink Software
 - 11.10.1 OpenLink Software Company Information
 - 11.10.2 OpenLink Software Graph Database Product Offered
 - 11.10.3 OpenLink Software Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.10.4 OpenLink Software Main Business Overview
 - 11.10.5 OpenLink Software Latest Developments
- 11.11 Marklogic
 - 11.11.1 Marklogic Company Information
 - 11.11.2 Marklogic Graph Database Product Offered
 - 11.11.3 Marklogic Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.11.4 Marklogic Main Business Overview
 - 11.11.5 Marklogic Latest Developments
- 11.12 Tigergraph
 - 11.12.1 Tigergraph Company Information
 - 11.12.2 Tigergraph Graph Database Product Offered
 - 11.12.3 Tigergraph Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.12.4 Tigergraph Main Business Overview
 - 11.12.5 Tigergraph Latest Developments
- 11.13 MongoDB
 - 11.13.1 MongoDB Company Information
 - 11.13.2 MongoDB Graph Database Product Offered
 - 11.13.3 MongoDB Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.13.4 MongoDB Main Business Overview
 - 11.13.5 MongoDB Latest Developments
- 11.14 Cray
 - 11.14.1 Cray Company Information
 - 11.14.2 Cray Graph Database Product Offered

- 11.14.3 Cray Graph Database Revenue, Gross Margin and Market Share (2019-2024)
- 11.14.4 Cray Main Business Overview
- 11.14.5 Cray Latest Developments
- 11.15 Datastax
 - 11.15.1 Datastax Company Information
 - 11.15.2 Datastax Graph Database Product Offered
 - 11.15.3 Datastax Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.15.4 Datastax Main Business Overview
 - 11.15.5 Datastax Latest Developments
- 11.16 Ontotext
 - 11.16.1 Ontotext Company Information
 - 11.16.2 Ontotext Graph Database Product Offered
 - 11.16.3 Ontotext Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.16.4 Ontotext Main Business Overview
 - 11.16.5 Ontotext Latest Developments
- 11.17 Stardog
 - 11.17.1 Stardog Company Information
 - 11.17.2 Stardog Graph Database Product Offered
 - 11.17.3 Stardog Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.17.4 Stardog Main Business Overview
 - 11.17.5 Stardog Latest Developments
- 11.18 Arangodb
 - 11.18.1 Arangodb Company Information
 - 11.18.2 Arangodb Graph Database Product Offered
 - 11.18.3 Arangodb Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.18.4 Arangodb Main Business Overview
 - 11.18.5 Arangodb Latest Developments
- 11.19 Sparsity Technologies
 - 11.19.1 Sparsity Technologies Company Information
 - 11.19.2 Sparsity Technologies Graph Database Product Offered
 - 11.19.3 Sparsity Technologies Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.19.4 Sparsity Technologies Main Business Overview
 - 11.19.5 Sparsity Technologies Latest Developments
- 11.20 Bitnine

- 11.20.1 Bitnine Company Information
- 11.20.2 Bitnine Graph Database Product Offered
- 11.20.3 Bitnine Graph Database Revenue, Gross Margin and Market Share (2019-2024)
- 11.20.4 Bitnine Main Business Overview
- 11.20.5 Bitnine Latest Developments
- 11.21 Objectivity
 - 11.21.1 Objectivity Company Information
 - 11.21.2 Objectivity Graph Database Product Offered
 - 11.21.3 Objectivity Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.21.4 Objectivity Main Business Overview
 - 11.21.5 Objectivity Latest Developments
- 11.22 Cambridge Semantics
 - 11.22.1 Cambridge Semantics Company Information
 - 11.22.2 Cambridge Semantics Graph Database Product Offered
 - 11.22.3 Cambridge Semantics Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.22.4 Cambridge Semantics Main Business Overview
 - 11.22.5 Cambridge Semantics Latest Developments
- 11.23 Fluree
 - 11.23.1 Fluree Company Information
 - 11.23.2 Fluree Graph Database Product Offered
 - 11.23.3 Fluree Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.23.4 Fluree Main Business Overview
 - 11.23.5 Fluree Latest Developments
- 11.24 Blazegraph
 - 11.24.1 Blazegraph Company Information
 - 11.24.2 Blazegraph Graph Database Product Offered
 - 11.24.3 Blazegraph Graph Database Revenue, Gross Margin and Market Share (2019-2024)
 - 11.24.4 Blazegraph Main Business Overview
 - 11.24.5 Blazegraph Latest Developments
- 11.25 Memgraph
 - 11.25.1 Memgraph Company Information
 - 11.25.2 Memgraph Graph Database Product Offered
 - 11.25.3 Memgraph Graph Database Revenue, Gross Margin and Market Share (2019-2024)

11.25.4 Memgraph Main Business Overview

11.25.5 Memgraph Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

List Of Figures

LIST OF FIGURES

I would like to order

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