

Graph Database Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Graph Database Trends and Forecast

The future of the global graph database market looks promising with opportunities in the BFSI, retail & ecommerce, telecom & IT, healthcare, pharmaceuticals, & life science, manufacturing & automotive, energy & utility, travel & hospitality, and transportation & logistics markets. The global graph database market is expected to grow with a CAGR of 20.4% from 2024 to 2030. The major drivers for this market are increasing adoption of AI-powered graph database tools and services, rising demand for solutions to process low-latency queries, and growing demand to incorporate real-time big data mining with result visualization.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Graph Database by Segment

The study includes a forecast for the global graph database by offering, analysis type, model type, end use, and region.

Graph Database Market by Offering [Shipment Analysis by Value from 2018 to 2030]:

Solution

Services

Graph Database Market by Analysis Type [Shipment Analysis by Value from 2018 to 2030]:

Community Analysis

Connectivity Analysis

Centrality Analysis

Path Analysis

Graph Database Market by Model Type [Shipment Analysis by Value from 2018 to 2030]:

RDF

Labeled Property Graph

Hypergraphs

Graph Database Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

BFSI

Retail & Ecommerce

Telecom & IT

Healthcare, Pharmaceuticals, & Life Sciences

Manufacturing & Automotive

Energy & Utilities

Travel & Hospitality

Transportation & Logistics

Others

Graph Database Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Graph Database Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies graph database companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the graph database companies profiled in this report include-

Oracle

IBM

Amazon Web Services

DataStax

Ontotext

Stardog Union

Hewlett Packard

ArangoDB

Blazegraph

Microsoft

Graph Database Market Insights

Lucintel forecasts that hypergraphs is expected to witness the highest growth over the forecast period due to increasing need for more advanced recommendation systems that take into account multi-entity interactions.

Within this market, BFSI will remain the largest segment.

North America will remain the largest region over the forecast period due to increasing technological advances and the presence of major cloud providers and technology firms in the region.

Features of the Global Graph Database Market

Market Size Estimates: Graph database market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Graph database market size by offering, analysis type, model type, end use, and region in terms of value (\$B).

Regional Analysis: Graph database market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different offering, analysis type, model type, end use, and regions for the graph database market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the graph database market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the growth forecast for graph database market?

Answer: The global graph database market is expected to grow with a CAGR of 20.4% from 2024 to 2030.

Q2. What are the major drivers influencing the growth of the graph database market?

Answer: The major drivers for this market are increasing adoption of AI-powered graph database tools and services, rising demand for solutions to process low-latency queries, and growing demand to incorporate real-time big data mining with result visualization.

Q3. What are the major segments for graph database market?

Answer: The future of the global graph database market looks promising with opportunities in the BFSI, retail & ecommerce, telecom & IT, healthcare, pharmaceuticals, & life science, manufacturing & automotive, energy & utility, travel & hospitality, and transportation & logistics markets.

Q4. Who are the key graph database market companies?

Answer: Some of the key graph database companies are as follows:

Oracle

IBM

Amazon Web Services

DataStax

Ontotext

Stardog Union

Hewlett Packard

ArangoDB

Blazegraph

Microsoft

Q5. Which graph database market segment will be the largest in future?

Answer: Lucintel forecasts that hypergraphs is expected to witness the highest growth over the forecast period due to increasing need for more advanced recommendation systems that take into account multi-entity interactions.

Q6. In graph database market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to increasing technological advances and the presence of major cloud providers and technology firms in the region.

Q7. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the graph database market by offering (solution and services), analysis type (community analysis, connectivity analysis, centrality analysis, and path analysis), model type (RDF, labeled property graph, and hypergraphs), end use (BFSI, retail & ecommerce, telecom & IT, healthcare, pharmaceuticals, & life sciences, manufacturing & automotive, energy & utilities, travel & hospitality, transportation & logistics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

- Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?
- Q.5. What are the business risks and competitive threats in this market?
- Q.6. What are the emerging trends in this market and the reasons behind them?
- Q.7. What are some of the changing demands of customers in the market?
- Q.8. What are the new developments in the market? Which companies are leading these developments?
- Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?
- Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?
- Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Graph Database Market, Graph Database Market Size, Graph Database Market Growth, Graph Database Market Analysis, Graph Database Market Report, Graph Database Market Share, Graph Database Market Trends, Graph Database Market Forecast, Graph Database Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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