

Cloud-based Database Market By Type (Relational Database, Non-Relational Database) , By Deployment (Public, Private, Hybrid) By Enterprise Size (Large Enterprise, Small and Medium-sized Enterprise) : Global Opportunity Analysis and Industry Forecast, 2024-2032

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Abstracts

Cloud-based Database Market

The cloud-based database market was valued at \$22.3 billion in 2023 and is projected to reach \$123.4 billion by 2032, growing at a CAGR of 20.6% from 2024 to 2032.

A cloud-based database runs over the internet instead of on an on-premises infrastructure or physical server. The key characteristics of this database include its scalability, availability of managed services, security, easy accessibility, and automatic backups. It allows users or organizations to access and manage their data from multiple locations. Moreover, a cloud-based database saves users from high upfront costs as it does not require significant hardware or infrastructure. Some of the popular databases across the globe are Google Cloud SQL, Amazon Relational Database Service, and Axure SQL Database.

Increase in the adoption of cloud computing among businesses for improved scalability and cost-cutting is a key driver of the cloud-based database market. In addition, digital transformation of businesses and organizations is increasing the volume of generated data, hence boosting the requirement for cloud-based databases and propelling the market development. Furthermore, rise in the popularity of remote work culture augments the market growth significantly. An emerging trend anticipated to become

conventional in the future is the use of AI for the management of the database. AI facilitates the detection of storage & memory bottlenecks and reduces maintenance loads.

However, data privacy remains a significant concern despite the security of cloud-based databases. For instance, automaker Toyota faced a data breach on June 2023 due to a misconfigured cloud environment, exposing the data of approximately 260,000 customers. The sensitivity of crucial information deters several organizations and users from adopting cloud computing facilities, hence hampering the growth of the market. Moreover, compliance with the local and industry-based standards is an intricate process, failure of which leads to legal issues and restrains the market development. On the contrary, rise in the Internet of Things devices, social media platforms, and business applications is projected to present lucrative opportunities for the market expansion.

Segment Review

The cloud-based database market is segmented into type, deployment, enterprise size, and region. On the basis of type, the market is bifurcated into relational database and non-relational database. Depending on deployment, it is divided into public, private, and hybrid. As per enterprise size, it is classified into large enterprise and small- & medium-sized enterprise. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of type, the relational database segment dominated the market in 2023.

Depending on deployment, the hybrid segment held a high share of the market in 2023.

As per enterprise size, the large enterprise segment accounted for a high market share in 2023.

Region wise, North America was the highest revenue generator in 2023.

Competition Analysis

The major players in the global cloud-based database market include Amazon Web Services, Alphabet (Google Inc.), IBM, Microsoft, Oracle Corporation, Salesforce, Inc., SAP SE, Teradata, Alibaba.com, and Tencent. These major players have adopted

various key development strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the competitive market.

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End user preferences and pain points

Industry life cycle assessment, by region

Product Benchmarking / Product specification and applications

Product Life Cycles

Scenario Analysis & Growth Trend Comparison

Technology Trend Analysis

Go To Market Strategy

Market share analysis of players by products/segments

New Product Development/ Product Matrix of Key Players

Pain Point Analysis

Regulatory Guidelines

Strategic Recommendations

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Brands Share Analysis

Criss-cross segment analysis- market size and forecast

Expanded list for Company Profiles

Historic market data

Market share analysis of players at global/region/country level

SWOT Analysis

Key Market Segments

By Type

Relational Database

Non-Relational Database

By Deployment

Public

Private

Hybrid

By Enterprise Size

Large Enterprise

Small and Medium-sized Enterprise

By Region

North America

U.S.

Canada

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players

Amazon Web Services

Alphabet (Google Inc.)

IBM

Microsoft

Oracle Corporation

Salesforce, Inc.

SAP SE

Teradata

alibaba.com

Tencent

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