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NoSQL Market Report by Database Type (Key-Value Based Database, Document Based Database, Column Based Database, Graph Based Database), Vertical (BFSI, Healthcare, Telecom, Government, Retail, and Others), Application (Data Storage, Metadata Store, Cache Memory, Distributed Data Depository, e-Commerce, Mobile Apps, Web Applications, Data Analytics, Social Networking, and Others), and Region 2024-2032

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Abstracts

The global NoSQL market size reached US$ 9.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US$ 74.5 Billion by 2032, exhibiting a growth rate (CAGR) of 24.9% during 2024-2032.

NoSQL, non-SQL or not-only-SQL, is a non-relational database (NRDB) that provides a mechanism for storing and retrieving data. It is called not-only-SQL as it can support SQL, along with non-tabular, semi-structured, polymorphic, structured and unstructured data. A NoSQL database is constructed for particular data models and includes flexible schemas that enable programmers to build and manage modern applications. Some of the common types of NoSQL include document, key-value, column and graph databases. It can be utilized in various situations, such as when vast amounts of data are required to be retrieved and stored; when there is no need for constraints and joint support at the database level; and when data is dynamic and unstructured.

NoSQL Market Trends:
The exponential growth in user-created content, supported by factors such as the rising

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influence of social media, easy access to smartphones and increasing internet penetration, has led to the generation of big datasets. As this data is generally sparse and unstructured, it has created a significant demand for NoSQL database systems for data management and analysis. Besides this, the integration of NoSQL systems into the Industry 4.0 landscape has led to the possibility of high scalability, lower cost, schema flexibility and distributed computing. Moreover, non-relational databases are being increasingly used in the financial sector to integrate data in a better and faster way, while incurring significantly lesser costs. Other advantages offered by NoSQL over SQL-based systems, such as easy scalability due to horizontal scaling and high availability of data, which can replicate itself in case of any failure, are further driving the market growth.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global NoSQL market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on database type, vertical and application.

Breakup by Database Type:

Key-Value Based Database
Document Based Database
Column Based Database
Graph Based Database

Breakup by Vertical:

BFSI
Healthcare
Telecom
Government
Retail
Others

Breakup by Application:

Data Storage
Metadata Store
Cache Memory

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Distributed Data Depository
e-Commerce
Mobile Apps
Web Applications
Data Analytics
Social Networking
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 report has also analysed the competitive landscape of the market with some of the key players being Aerospike, Amazon Web Services, Apache Cassandra, Basho Technologies, Cisco Systems, Couchbase, Inc, Hypertable Inc., IBM, MarkLogic, Microsoft Corporation, MongoDB Inc., Neo Technology Inc., Objectivity Inc., Oracle

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Corporation, etc.

Key Questions Answered in This Report

1. What was the size of the global NoSQL market in 2023?
2. What is the expected growth rate of the global NoSQL market during 2024-2032?
3. What are the key factors driving the global NoSQL market?
4. What has been the impact of COVID-19 on the global NoSQL market?
5. What is the breakup of the global NoSQL market based on the database type?
6. What is the breakup of the global NoSQL market based on the application?
7. What are the key regions in the global NoSQL market?
8. Who are the key players/companies in the global NoSQL market?

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