

Global In-Memory Database Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

In-Memory database is a database management system where the data is stored in the memory to facilitate faster response time. Data is loaded into the system memory in a compressed and non-relational format. The global in-memory market is expected to grow at a CAGR of around 18% from 2017 to 2025.

Based on various applications, the market is segmented into transaction, reporting, analytics, and others. By data type, it is divided into NoSQL and NewSQL. According to industry, it is classified into BFSI, government & defense, healthcare & life sciences, retail & consumer goods, transportation & logistics, IT & telecommunication, manufacturing, energy & utilities, and others. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increasing demand for big data analysis in real-time

Quicker data processing

Restraints:

Lack of standards

Memory-related constraints

MARKET PLAYERS:

The top players in the global in-memory database market include Microsoft Corporation, IBM Corporation, Oracle Corporation, SAP SE, Teradata Corporation, Amazon Web Services Inc., Tableau software, Kognitio Ltd., VoltDB, DataStax, McObject LLC and Altiibase Corporation.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Application

Transaction

Reporting

Analytics

Others

By Data Type

Relational

NoSQL

NewSQL

By Deployment Model

On-Premises

Cloud

By Organization Size

Large Enterprises

Small and Medium Enterprises

By Vertical

BFSI

Government and Defense

Healthcare and Life Sciences

Retail and Consumer Goods

Transportation and Logistics

IT and Telecommunication

Manufacturing

Energy and Utility

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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