

South Korea Database Management System (DBMS) Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis (2025-2034)

Market Report | 2025-06-06 | 120 pages | EMR Inc.

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Report description:

The South Korea database management system (DBMS) market reached approximately USD 1067.20 Million in 2024. The market is projected to grow at a CAGR of 9.50% between 2025 and 2034, reaching a value of around USD 2644.76 Million by 2034.

South Korea Database Management System (DBMS) Market Growth

The increased demand for maintaining data security and data integrity in any organisation is one of the major factors boosting the DBMS market growth. DBMS can maintain customers' privacy, make real-time updates and modifications to the data set, and ensure that the data can be accessed by only one particular person at a time to maintain its integrity and establish trust among customers and employees.

Increased adoption of cloud-based DBMS solutions in South Korea due to their cost-effective nature, scalability, and ease of usage is also a crucial factor that affects the market landscape. The South Korean Ministry of Science and ICT announced in March 2024 that they aim to invest USD 91.5 million to bolster the growth of cloud computing, which is expected to create ample opportunities for the cloud-based DBMS.

In-memory databases are also expected to aid the market as they store the record in RAM, can easily retrieve data and offer fast performance compared to traditional databases. Moreover, with a surge in data breaches and threats, there is a growing focus on securing the data layer of software as well as the introduction of built-in firewalls to regulate data access.

South Korea Database Management System (DBMS) Industry Segmentation

"South Korea Database Management System (DBMS) Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

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Market Breakup by Type:

- Relational Database
- NoSQL
- Others

Market Breakup by Deployment Mode:

- On-Premises
- Cloud

Market Breakup by Organisation Size:

- Small and Medium Enterprises (SMEs)
- Large Enterprises

Market Breakup by Application:

- BFSI
- Defence and Government
- Healthcare
- Oil and Gas
- Retail and Manufacturing
- Others

South Korea Database Management System (DBMS) Market Share

The BFSI sector holds a significant share of the market due to the presence of a large volume of sensitive customer data, facilitation of risk management, and efficient data regulation. Meanwhile, the healthcare sector also follows closely due to the significant investment made by the country's government in consolidating patient data.

Leading Companies in South Korea Database Management System (DBMS) Market

The market players are increasing investment in development of advanced databases to gain a competitive edge in the market.

- IBM Corp.
- Microsoft Corp
- Oracle Corp.
- MongoDB Inc.
- Amazon Web Services, Inc.
- Cisco Systems Inc.

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- Teradata Corp.
- Alphabet Inc.
- Cloudera, Inc.
- Snowflake Inc.
- Others

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