

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

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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

Table of Contents:

1 Executive Summary

1.1 Market Size 2024-2025

1.2 Market Growth 2025(F)-2034(F)

1.3 Key Demand Drivers

1.4 Key Players and Competitive Structure

1.5 Industry Best Practices

1.6 Recent Trends and Developments

1.7 Industry Outlook

2 Market Overview and Stakeholder Insights

2.1 Market Trends

2.2 Key Verticals

2.3 Key Regions

2.4 Supplier Power

2.5 Buyer Power

2.6 Key Market Opportunities and Risks

2.7 Key Initiatives by Stakeholders

3 Economic Summary

3.1 GDP Outlook

3.2 GDP Per Capita Growth

3.3 Inflation Trends

3.4 Democracy Index

3.5 Gross Public Debt Ratios

3.6 Balance of Payment (BoP) Position

3.7 Population Outlook

3.8 Urbanisation Trends

4 Country Risk Profiles

4.1 Country Risk

4.2 Business Climate

5 Asia Pacific Database Management System (DBMS) Market Overview

5.1 Key Industry Highlights

5.2 Asia Pacific Database Management System (DBMS) Historical Market (2018-2024)

5.3 Asia Pacific Database Management System (DBMS) Market Forecast (2025-2034)

6 South Korea Database Management System (DBMS) Market Overview

6.1 Key Industry Highlights

6.2 South Korea Database Management System (DBMS) Historical Market (2018-2024)

6.3 South Korea Database Management System (DBMS) Market Forecast (2025-2034)

7 South Korea Database Management System (DBMS) Market by Type

7.1 Relational Database

7.1.1 Historical Trend (2018-2024)

7.1.2 Forecast Trend (2025-2034)

7.2 NoSQL

7.2.1 Historical Trend (2018-2024)

7.2.2 Forecast Trend (2025-2034)

7.3 Others

8 South Korea Database Management System (DBMS) Market by Deployment Mode

8.1 On-Premises

8.1.1 Historical Trend (2018-2024)

8.1.2 Forecast Trend (2025-2034)

8.2 Cloud

8.2.1 Historical Trend (2018-2024)

8.2.2 Forecast Trend (2025-2034)

9 South Korea Database Management System (DBMS) Market by Organisation Size

9.1 Small and Medium Enterprises (SMEs)

9.1.1 Historical Trend (2018-2024)

9.1.2 Forecast Trend (2025-2034)

9.2 Large Enterprises

9.2.1 Historical Trend (2018-2024)

9.2.2 Forecast Trend (2025-2034)

10 South Korea Database Management System (DBMS) Market by Application

10.1 BFSI

10.1.1 Historical Trend (2018-2024)

10.1.2 Forecast Trend (2025-2034)

10.2 Defence and Government

10.2.1 Historical Trend (2018-2024)

10.2.2 Forecast Trend (2025-2034)

10.3 Healthcare

10.3.1 Historical Trend (2018-2024)

10.3.2 Forecast Trend (2025-2034)

10.4 Oil and Gas

10.4.1 Historical Trend (2018-2024)

10.4.2 Forecast Trend (2025-2034)

10.5 Retail and Manufacturing

10.5.1 Historical Trend (2018-2024)

10.5.2 Forecast Trend (2025-2034)

10.6 Others

11 Market Dynamics

11.1 SWOT Analysis

11.1.1 Strengths

11.1.2 Weaknesses

11.1.3 Opportunities

- 11.1.4 Threats
- 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
- 11.3 Key Indicators for Demand
- 11.4 Key Indicators for Price
- 12 Competitive Landscape
 - 12.1 Supplier Selection
 - 12.2 Key Global Players
 - 12.3 Key Regional Players
 - 12.4 Key Player Strategies
 - 12.5 Company Profiles
 - 12.5.1 IBM Corp.
 - 12.5.1.1 Company Overview
 - 12.5.1.2 Product Portfolio
 - 12.5.1.3 Demographic Reach and Achievements
 - 12.5.1.4 Certifications
 - 12.5.2 Microsoft Corp.
 - 12.5.2.1 Company Overview
 - 12.5.2.2 Product Portfolio
 - 12.5.2.3 Demographic Reach and Achievements
 - 12.5.2.4 Certifications
 - 12.5.3 Oracle Corp.
 - 12.5.3.1 Company Overview
 - 12.5.3.2 Product Portfolio
 - 12.5.3.3 Demographic Reach and Achievements
 - 12.5.3.4 Certifications
 - 12.5.4 MongoDB Inc.
 - 12.5.4.1 Company Overview
 - 12.5.4.2 Product Portfolio
 - 12.5.4.3 Demographic Reach and Achievements
 - 12.5.4.4 Certifications
 - 12.5.5 Amazon Web Services, Inc.
 - 12.5.5.1 Company Overview
 - 12.5.5.2 Product Portfolio
 - 12.5.5.3 Demographic Reach and Achievements
 - 12.5.5.4 Certifications
 - 12.5.6 Cisco Systems Inc.
 - 12.5.6.1 Company Overview
 - 12.5.6.2 Product Portfolio
 - 12.5.6.3 Demographic Reach and Achievements
 - 12.5.6.4 Certifications
 - 12.5.7 Teradata Corp.
 - 12.5.7.1 Company Overview

12.5.7.2 Product Portfolio

12.5.7.3 Demographic Reach and Achievements

12.5.7.4 Certifications

12.5.8 Alphabet Inc.

12.5.8.1 Company Overview

12.5.8.2 Product Portfolio

12.5.8.3 Demographic Reach and Achievements

12.5.8.4 Certifications

12.5.9 Cloudera, Inc.

12.5.9.1 Company Overview

12.5.9.2 Product Portfolio

12.5.9.3 Demographic Reach and Achievements

12.5.9.4 Certifications

12.5.10 Snowflake Inc.

12.5.10.1 Company Overview

12.5.10.2 Product Portfolio

12.5.10.3 Demographic Reach and Achievements

12.5.10.4 Certifications

12.5.11 Others

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