

South Korea Supply Chain Analytics Market Size, Share, Trends and Forecast by Component, Deployment Mode, Enterprise Size, Industry Vertical, and Region, 2026-2034

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Abstracts

The South Korea supply chain analytics market size reached USD 208.8 Million in 2025. The market is projected to reach USD 824.2 Million by 2034, exhibiting a growth rate (CAGR) of 15.99% during 2026-2034. The market is fueled by the country's rapid industrial digitalization, increasing focus on predictive analytics, and rising demand for real-time supply chain visibility. Apart from this, growing e-commerce activity and the need to manage disruptions effectively have made supply chain analytics a strategic priority for organizations. Besides that, implementation of government initiatives is supporting smart manufacturing and the adoption of AI and IoT in logistics, which is further augmenting the South Korea supply chain analytics market share.

SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET TRENDS:

Government-Led AI and Strategic Technology Funding

The South Korean government is taking an active role in accelerating the adoption of supply chain analytics by positioning artificial intelligence (AI) and smart manufacturing as core pillars of its industrial growth strategy. A significant portion of public funding has been directed toward upgrading the nation's manufacturing and logistics capabilities, with a particular emphasis on AI-integrated platforms, automation, and real-time, data-driven systems. As part of this commitment, the government launched a large-scale financial initiative, pledging up to USD 7.5 Billion (KRW 10 Trillion) to support its "AI Autonomous Manufacturing" program. This initiative is designed not only to increase productivity and reduce dependence on manual processes but also to enhance the

agility and responsiveness of domestic supply chains. These investments are especially relevant to the supply chain analytics market, as manufacturers and logistics providers are increasingly turning to advanced analytics to optimize operations, mitigate risks, and maintain competitiveness in key sectors like semiconductors, batteries, and precision machinery. Public-private partnerships are fostering the development of integrated analytics solutions that support real-time monitoring, dynamic demand forecasting, and logistics optimization. By encouraging a data-centric approach across manufacturing and logistics ecosystems, the government is accelerating the standardization and expansion of analytics usage in both upstream and downstream supply chain operations.

Surge in E?Commerce

The rapid expansion of e-commerce in South Korea is fundamentally altering supply chain priorities and analytics adoption patterns. This trend is significantly impacting the South Korea supply chain analytics market growth. According to industry reports, in 2024, South Korea's e-commerce market is projected to grow significantly, with its value anticipated to reach approximately USD 3,810 Billion by 2033, with a CAGR of 22.3% between 2025 and 2033. Consumer expectations for same-day or next-day delivery, real-time order tracking, and seamless returns have compelled retailers and logistics providers to upgrade their systems with analytics-driven capabilities. Traditional supply chain models, optimized for efficiency and bulk delivery, are no longer adequate. Moreover, firms now require agile, data-rich infrastructure to manage fragmented, high-frequency orders. Analytics platforms are being used to forecast demand at the SKU level, optimize last-mile delivery routes, and manage distributed inventory networks. In parallel, recent global supply disruptions, ranging from pandemics to geopolitical tensions, have made resilience a central business objective. Organizations are using supply chain analytics to simulate disruption scenarios, evaluate supplier risks, and assess the financial impact of delays. This trend has led to increased investments in tools for multi-tier supplier visibility, adaptive sourcing, and buffer stock planning. The convergence of consumer-driven logistics complexity and risk mitigation needs is accelerating the shift toward predictive and prescriptive analytics.

SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on component, deployment mode, enterprise size, and industry vertical.

Component Insights:

Software

Demand Analysis and Forecasting

Supplier Performance Analytics

Spend and Procurement Analytics

Inventory Analytics

Transportation and Logistics Analytics

Services

Professional

Support and Maintenance

The report has provided a detailed breakup and analysis of the market based on the component. This includes software (demand analysis and forecasting, supplier performance analytics, spend and procurement analytics, inventory analytics, and transportation and logistics analytics) and services (professional and support and maintenance).

Deployment Mode Insights:

On-premises

Cloud-based

A detailed breakup and analysis of the market based on the deployment mode have also been provided in the report. This includes on-premises and cloud-based.

Enterprise Size Insights:

Large Enterprises

Small and Medium-sized Enterprises

The report has provided a detailed breakup and analysis of the market based on the enterprise size. This includes large enterprises and small and medium-sized enterprises.

Industry Vertical Insights:

Automotive

Food and Beverages

Healthcare and Pharmaceuticals

Manufacturing

Retail and Consumer Goods

Transportation and Logistics

Others

A detailed breakup and analysis of the market based on the industry vertical have also been provided in the report. This includes automotive, food and beverages, healthcare and pharmaceuticals, manufacturing, retail and consumer goods, transportation and logistics, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea supply chain analytics market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea supply chain analytics market on the basis of component?

What is the breakup of the South Korea supply chain analytics market on the basis of deployment mode?

What is the breakup of the South Korea supply chain analytics market on the basis of enterprise size?

What is the breakup of the South Korea supply chain analytics market on the basis of industry vertical?

What is the breakup of the South Korea supply chain analytics market on the basis of region?

What are the various stages in the value chain of the South Korea supply chain analytics market?

What are the key driving factors and challenges in the South Korea supply chain analytics market?

What is the structure of the South Korea supply chain analytics market and who are the key players?

What is the degree of competition in the South Korea supply chain analytics market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - BREAKUP BY COMPONENT

- 6.1 Software
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Segmentation
 - 6.1.3.1 Demand Analysis and Forecasting
 - 6.1.3.2 Supplier Performance Analytics

6.1.3.3 Spend and Procurement Analytics

6.1.3.4 Inventory Analytics

6.1.3.5 Transportation and Logistics Analytics

6.1.4 Market Forecast (2026-2034)

6.2 Services

6.2.1 Overview

6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Segmentation

6.2.3.1 Professional

6.2.3.2 Support and Maintenance

6.2.4 Market Forecast (2026-2034)

7 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - BREAKUP BY DEPLOYMENT MODE

7.1 On-premises

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Cloud-based

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

8 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - BREAKUP BY ENTERPRISE SIZE

8.1 Large Enterprises

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Small and Medium-sized Enterprises

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

9 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - BREAKUP BY INDUSTRY VERTICAL

9.1 Automotive

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Forecast (2026-2034)

9.2 Food and Beverages

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Forecast (2026-2034)

9.3 Healthcare and Pharmaceuticals

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Forecast (2026-2034)

9.4 Manufacturing

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Forecast (2026-2034)

9.5 Retail and Consumer Goods

9.5.1 Overview

9.5.2 Historical and Current Market Trends (2020-2025)

9.5.3 Market Forecast (2026-2034)

9.6 Transportation and Logistics

9.6.1 Overview

9.6.2 Historical and Current Market Trends (2020-2025)

9.6.3 Market Forecast (2026-2034)

9.7 Others

9.7.1 Historical and Current Market Trends (2020-2025)

9.7.2 Market Forecast (2026-2034)

10 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET – BREAKUP BY REGION

10.1 Seoul Capital Area

10.1.1 Overview

10.1.2 Historical and Current Market Trends (2020-2025)

10.1.3 Market Breakup by Component

10.1.4 Market Breakup by Deployment Mode

10.1.5 Market Breakup by Enterprise Size

10.1.6 Market Breakup by Industry Vertical

10.1.7 Key Players

- 10.1.8 Market Forecast (2026-2034)
- 10.2 Yeongnam (Southeastern Region)
 - 10.2.1 Overview
 - 10.2.2 Historical and Current Market Trends (2020-2025)
 - 10.2.3 Market Breakup by Component
 - 10.2.4 Market Breakup by Deployment Mode
 - 10.2.5 Market Breakup by Enterprise Size
 - 10.2.6 Market Breakup by Industry Vertical
 - 10.2.7 Key Players
 - 10.2.8 Market Forecast (2026-2034)
- 10.3 Honam (Southwestern Region)
 - 10.3.1 Overview
 - 10.3.2 Historical and Current Market Trends (2020-2025)
 - 10.3.3 Market Breakup by Component
 - 10.3.4 Market Breakup by Deployment Mode
 - 10.3.5 Market Breakup by Enterprise Size
 - 10.3.6 Market Breakup by Industry Vertical
 - 10.3.7 Key Players
 - 10.3.8 Market Forecast (2026-2034)
- 10.4 Hoseo (Central Region)
 - 10.4.1 Overview
 - 10.4.2 Historical and Current Market Trends (2020-2025)
 - 10.4.3 Market Breakup by Component
 - 10.4.4 Market Breakup by Deployment Mode
 - 10.4.5 Market Breakup by Enterprise Size
 - 10.4.6 Market Breakup by Industry Vertical
 - 10.4.7 Key Players
 - 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
 - 10.5.1 Historical and Current Market Trends (2020-2025)
 - 10.5.2 Market Forecast (2026-2034)

11 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET – COMPETITIVE LANDSCAPE

- 11.1 Overview
- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies

- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

12 PROFILES OF KEY PLAYERS

- 12.1 Company A
 - 12.1.1 Business Overview
 - 12.1.2 Services Offered
 - 12.1.3 Business Strategies
 - 12.1.4 SWOT Analysis
 - 12.1.5 Major News and Events
- 12.2 Company B
 - 12.2.1 Business Overview
 - 12.2.2 Services Offered
 - 12.2.3 Business Strategies
 - 12.2.4 SWOT Analysis
 - 12.2.5 Major News and Events
- 12.3 Company C
 - 12.3.1 Business Overview
 - 12.3.2 Services Offered
 - 12.3.3 Business Strategies
 - 12.3.4 SWOT Analysis
 - 12.3.5 Major News and Events
- 12.4 Company D
 - 12.4.1 Business Overview
 - 12.4.2 Services Offered
 - 12.4.3 Business Strategies
 - 12.4.4 SWOT Analysis
 - 12.4.5 Major News and Events
- 12.5 Company E
 - 12.5.1 Business Overview
 - 12.5.2 Services Offered
 - 12.5.3 Business Strategies
 - 12.5.4 SWOT Analysis
 - 12.5.5 Major News and Events

13 SOUTH KOREA SUPPLY CHAIN ANALYTICS MARKET - INDUSTRY ANALYSIS

- 13.1 Drivers, Restraints, and Opportunities

- 13.1.1 Overview
- 13.1.2 Drivers
- 13.1.3 Restraints
- 13.1.4 Opportunities
- 13.2 Porters Five Forces Analysis
 - 13.2.1 Overview
 - 13.2.2 Bargaining Power of Buyers
 - 13.2.3 Bargaining Power of Suppliers
 - 13.2.4 Degree of Competition
 - 13.2.5 Threat of New Entrants
 - 13.2.6 Threat of Substitutes
- 13.3 Value Chain Analysis

14 APPENDIX

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