

# DM in Automotive Market by Type (Software, Services), Application (OEMs, Aftermarket), and Region 2023-2028

<https://marketpublishers.com/r/DBB5AB488F2CEN.html>

Date: July 2023

Pages: 142

Price: US\$ 2,499.00 (Single User License)

ID: DBB5AB488F2CEN

## Abstracts

### Market Overview:

The global DM in automotive market size reached US\$ 9.35 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 13.78 Billion by 2028, exhibiting a growth rate (CAGR) of 6.64% during 2023-2028. The increasing adoption of digital technologies in the automotive industry, rising demand for customization, growing focus on quality enhancement and enhanced focus on research and development (R&D) activities, represent some of the key factors driving the market.

Digital manufacturing (DM) in the automotive industry refers to the integration of digital technologies and processes into the manufacturing of automobiles. It involves the use of advanced technologies, such as artificial intelligence (AI), robotics, automation, the Internet of Things (IoT), and data analytics to optimize and improve various stages of the automotive manufacturing process. It is widely used to optimize and streamline the processes involved in producing vehicles. DM in automotive helps to improve cost-efficiency, productivity and efficiency through automation and optimization, and enhance product quality and reliability through advanced simulations and data analysis.

### DM in Automotive Market Trends:

The increasing demand for customization is one of the key factors creating a positive outlook for the market. In line with this, the rising consumer inclination toward personalized vehicles with specific features and options is acting as another growth-inducing factor. Moreover, manufacturers are incorporating digital manufacturing technologies to enable faster prototyping, virtual testing, and simulation, which significantly reduce product development cycles. Apart from this, rapid advancements in

digital technologies, such as additive manufacturing, robotics, automation, artificial intelligence (AI), and data analytics, are providing an impetus to the market growth. Furthermore, digital manufacturing technologies enable the efficient use of resources, waste reduction, and lower energy consumption, contributing to sustainable and environmentally friendly manufacturing practices, which in turn is propelling the market growth. Besides this, the increasing adoption of DM techniques for early identification of design flaws, improving product quality, and optimizing manufacturing processes is positively influencing the market growth. Other factors, including growing digitalization, increasing focus on quality enhancement, rising environmental consciousness, and enhanced focus on research and development (R&D) activities, are supporting the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global DM in automotive market report, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on type and application.

#### Type Insights:

- Software
- Services

The report has provided a detailed breakup and analysis of the DM in automotive market based on the type. This includes software and services. According to the report, software represented the largest segment.

#### Application Insights:

- OEMs
- Aftermarket

A detailed breakup and analysis of the DM in automotive market based on the application has also been provided in the report. This includes OEMs and aftermarket. According to the report, OEMs accounted for the largest market share.

#### Regional Insights:

- North America

United States  
Canada  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Asia Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for DM in automotive. Some of the factors driving the Asia Pacific DM in automotive market included rising sales of automobiles, the increasing focus on quality enhancement, and the widespread adoption of digital technologies in the automotive industry.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global DM in automotive market. Detailed profiles of all major companies have been provided. Some of the companies covered include Autodesk Inc., Dassault Systèmes, PTC Inc., SAP SE, Siemens AG, Simul8 Corporation, etc. Kindly note that this only

represents a partial list of companies, and the complete list has been provided in the report. Market Overview:

The global DM in automotive market size reached US\$ 9.35 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 13.78 Billion by 2028, exhibiting a growth rate (CAGR) of 6.64% during 2023-2028. The increasing adoption of digital technologies in the automotive industry, rising demand for customization, growing focus on quality enhancement and enhanced focus on research and development (R&D) activities, represent some of the key factors driving the market.

Digital manufacturing (DM) in the automotive industry refers to the integration of digital technologies and processes into the manufacturing of automobiles. It involves the use of advanced technologies, such as artificial intelligence (AI), robotics, automation, the Internet of Things (IoT), and data analytics to optimize and improve various stages of the automotive manufacturing process. It is widely used to optimize and streamline the processes involved in producing vehicles. DM in automotive helps to improve cost-efficiency, productivity and efficiency through automation and optimization, and enhance product quality and reliability through advanced simulations and data analysis.

#### DM in Automotive Market Trends:

The increasing demand for customization is one of the key factors creating a positive outlook for the market. In line with this, the rising consumer inclination toward personalized vehicles with specific features and options is acting as another growth-inducing factor. Moreover, manufacturers are incorporating digital manufacturing technologies to enable faster prototyping, virtual testing, and simulation, which significantly reduce product development cycles. Apart from this, rapid advancements in digital technologies, such as additive manufacturing, robotics, automation, artificial intelligence (AI), and data analytics, are providing an impetus to the market growth. Furthermore, digital manufacturing technologies enable the efficient use of resources, waste reduction, and lower energy consumption, contributing to sustainable and environmentally friendly manufacturing practices, which in turn is propelling the market growth. Besides this, the increasing adoption of DM techniques for early identification of design flaws, improving product quality, and optimizing manufacturing processes is positively influencing the market growth. Other factors, including growing digitalization, increasing focus on quality enhancement, rising environmental consciousness, and enhanced focus on research and development (R&D) activities, are supporting the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global DM

in automotive market report, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on type and application.

#### Type Insights:

Software  
Services

The report has provided a detailed breakup and analysis of the DM in automotive market based on the type. This includes software and services. According to the report, software represented the largest segment.

#### Application Insights:

OEMs  
Aftermarket

A detailed breakup and analysis of the DM in automotive market based on the application has also been provided in the report. This includes OEMs and aftermarket. According to the report, OEMs accounted for the largest market share.

#### Regional Insights:

North America  
United States  
Canada  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Asia Pacific  
China  
Japan  
India

South Korea  
Australia  
Indonesia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for DM in automotive. Some of the factors driving the Asia Pacific DM in automotive market included rising sales of automobiles, the increasing focus on quality enhancement, and the widespread adoption of digital technologies in the automotive industry.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global DM in automotive market. Detailed profiles of all major companies have been provided. Some of the companies covered include Autodesk Inc., Dassault Systèmes, PTC Inc., SAP SE, Siemens AG, Simul8 Corporation, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report:

How has the global DM in automotive market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global DM in automotive market?

What is the impact of each driver, restraint, and opportunity on the global DM in automotive market?

What are the key regional markets?

Which countries represent the most attractive DM in automotive market?

What is the breakup of the market based on the type?

Which is the most attractive type in the DM in automotive market?

What is the breakup of the market based on the application?

Which is the most attractive application in the DM in automotive market?

What is the competitive structure of the global DM in automotive market?

Who are the key players/companies in the global DM in automotive 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 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL DM IN AUTOMOTIVE MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY TYPE**

- 6.1 Software
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Services
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast



## **7 MARKET BREAKUP BY APPLICATION**

### **7.1 OEMs**

7.1.1 Market Trends

7.1.2 Market Forecast

### **7.2 Aftermarket**

7.2.1 Market Trends

7.2.2 Market Forecast

## **8 MARKET BREAKUP BY REGION**

### **8.1 North America**

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

### **8.2 Asia-Pacific**

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

8.2.6.2 Market Forecast

8.2.7 Others

8.2.7.1 Market Trends

8.2.7.2 Market Forecast

### 8.3 Europe

8.3.1 Germany

8.3.1.1 Market Trends

8.3.1.2 Market Forecast

8.3.2 France

8.3.2.1 Market Trends

8.3.2.2 Market Forecast

8.3.3 United Kingdom

8.3.3.1 Market Trends

8.3.3.2 Market Forecast

8.3.4 Italy

8.3.4.1 Market Trends

8.3.4.2 Market Forecast

8.3.5 Spain

8.3.5.1 Market Trends

8.3.5.2 Market Forecast

8.3.6 Russia

8.3.6.1 Market Trends

8.3.6.2 Market Forecast

8.3.7 Others

8.3.7.1 Market Trends

8.3.7.2 Market Forecast

### 8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

### 8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

## 9 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

- 9.1 Overview
- 9.2 Drivers
- 9.3 Restraints
- 9.4 Opportunities

## **10 VALUE CHAIN ANALYSIS**

## **11 PORTERS FIVE FORCES ANALYSIS**

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

## **12 PRICE ANALYSIS**

## **13 COMPETITIVE LANDSCAPE**

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
  - 13.3.1 Autodesk Inc.
    - 13.3.1.1 Company Overview
    - 13.3.1.2 Product Portfolio
    - 13.3.1.3 Financials
    - 13.3.1.4 SWOT Analysis
  - 13.3.2 Dassault Syst?mes
    - 13.3.2.1 Company Overview
    - 13.3.2.2 Product Portfolio
    - 13.3.2.3 Financials
    - 13.3.2.4 SWOT Analysis
  - 13.3.3 PTC Inc.
    - 13.3.3.1 Company Overview
    - 13.3.3.2 Product Portfolio
    - 13.3.3.3 Financials
    - 13.3.3.4 SWOT Analysis

### 13.3.4 SAP SE

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.4.3 Financials

13.3.4.4 SWOT Analysis

### 13.3.5 Siemens AG

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.5.3 Financials

13.3.5.4 SWOT Analysis

### 13.3.6 Simul8 Corporation

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: DM in Automotive Market: Key Industry Highlights, 2022 & 2028

Table 2: Global: DM in Automotive Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: DM in Automotive Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: DM in Automotive Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: DM in Automotive Market: Competitive Structure

Table 6: Global: DM in Automotive Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: DM in Automotive Market: Major Drivers and Challenges

Figure 2: Global: DM in Automotive Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: DM in Automotive Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: DM in Automotive Market: Breakup by Type (in %), 2022

Figure 5: Global: DM in Automotive Market: Breakup by Application (in %), 2022

Figure 6: Global: DM in Automotive Market: Breakup by Region (in %), 2022

Figure 7: Global: DM in Automotive (Software) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: DM in Automotive (Software) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: DM in Automotive (Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: DM in Automotive (Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: DM in Automotive (OEMs) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: DM in Automotive (OEMs) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: DM in Automotive (Aftermarket) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: DM in Automotive (Aftermarket) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: North America: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: North America: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: United States: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: United States: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Canada: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Canada: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Asia-Pacific: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Asia-Pacific: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: China: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: China: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Japan: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Japan: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: India: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: India: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: South Korea: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: South Korea: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Australia: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Australia: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Indonesia: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Indonesia: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Others: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Others: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Europe: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Europe: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Germany: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Germany: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: France: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: France: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: United Kingdom: DM in Automotive Market: Sales Value (in Million US\$),

2017 & 2022

Figure 44: United Kingdom: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Italy: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Italy: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Spain: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Spain: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Russia: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Russia: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Others: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Others: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Latin America: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Latin America: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Brazil: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Brazil: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Mexico: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Mexico: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Others: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Others: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Middle East and Africa: DM in Automotive Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Middle East and Africa: DM in Automotive Market: Breakup by Country (in %), 2022

Figure 63: Middle East and Africa: DM in Automotive Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Global: DM in Automotive Industry: Drivers, Restraints, and Opportunities

Figure 65: Global: DM in Automotive Industry: Value Chain Analysis

Figure 66: Global: DM in Automotive Industry: Porter's Five Forces Analysis



## I would like to order

Product name: DM in Automotive Market by Type (Software, Services), Application (OEMs, Aftermarket), and Region 2023-2028

Product link: <https://marketpublishers.com/r/DBB5AB488F2CEN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DBB5AB488F2CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

