

Digital Classroom Market Report by Product Type (Digital Classroom Hardware, Digital Classroom Content, Digital Classroom Software), Application (K-12, Higher Education), and Region 2024-2032

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Abstracts

The global digital classroom market size reached US\$ 139.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 344.0 Billion by 2032, exhibiting a growth rate (CAGR) of 10.3% during 2024-2032. The increasing number of schools, rising sales of smart devices, and the growing number of educational apps represent some of the key factors driving the market.

A digital classroom is a learning environment wherein teachers and students use technology to enhance the teaching and learning experience. It relies on multimedia resources, such as videos, podcasts, interactive simulations, and e-books that are used to support learning. It allows teachers to create and manage online courses, assignments, quizzes, and grade books. It offers tools for students to collaborate on group projects, share notes, and communicate with their peers and teachers. It also provides a more interactive and engaging learning experience, which helps students to stay motivated and focused. It requires fewer resources like textbooks, paper, and stationery as compared to traditional classrooms. Nowadays, digital classrooms are offering accessibility tools for students with special needs, such as screen readers, magnification tools, and closed captioning.

Digital Classroom Market Trends:

The increasing number of schools and rising applicants is catalyzing the demand for digital classrooms in schools around the world. This, coupled with rapid digitization, increasing sales of smart devices like smartphones, tablets, and laptops, and the high

speed internet connectivity, represents one of the major factors strengthening the market growth across the globe. Furthermore, the growing number of educational apps that provide students with interactive online lectures and study materials is influencing the market positively. Moreover, governing agencies of numerous countries are undertaking initiatives to open new schools and promote awareness about the importance of education. They are investing in introducing projectors and interactive whiteboards for classrooms to enhance the experience of children. In addition, key players are introducing smart desks for digital classrooms that are incorporated with advanced technologies, including biometrics sensors, touchscreen, and the internet of things (IoT) solutions. They are used in laboratories, libraries, and classrooms to offer a convenient environment to students. This, along with the rising adoption of smart classes in digital classrooms with computer screens and projectors to ease learning in schools, is favoring the growth of the market. Apart from this, the integration of virtual reality (VR), augmented reality (AR), artificial intelligence (AI), machine learning (ML), data analytics, and cloud computing in digital classrooms that helps teachers to automate administrative tasks and offer personalized learning is creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global digital classroom market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product type and application.

Product Type Insights:

Digital Classroom Hardware

Digital Classroom Content

Digital Classroom Software

The report has provided a detailed breakup and analysis of the digital classroom market based on the product type. This includes digital classroom hardware, digital classroom content, and digital classroom software. According to the report, digital classroom hardware represented the largest segment.

Application Insights:

K-12

Higher Education

A detailed breakup and analysis of the digital classroom market based on the application has also been provided in the report. This includes K-12 and higher education. According to the report, higher education accounted for the largest market share.

Regional Insights:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

The report has also provided a comprehensive analysis of all the major regional markets, which include North America; Europe; Asia Pacific; the Middle East and Africa; and Latin America. According to the report, North America was the largest market for digital classroom. Some of the factors driving the North America digital classroom market included a high number of schools, integration of advanced technologies, rising marketing strategies, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global digital classroom market. Competitive analysis such as market structure, market share by key players, 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. Some of the companies covered include Dell Inc., Jenzabar, Inc., Blackboard Inc., Discovery Education, Inc., Pearson Education, Inc., Promethean Limited, Oracle Corporation, Educomp Solutions Ltd., Ellucian Company L.P., Echo360, Inc., D2L Corporation, Unit4, APG & Co, SMART Technologies ULC, Dreambox Learning, Inc., McGraw Hill, etc.

Key Questions Answered in This Report

1. What was the size of the global digital classroom market in 2023?
2. What is the expected growth rate of the global digital classroom market during 2024-2032?
3. What are the key factors driving the global digital classroom market?
4. What is the impact of COVID-19 on the global digital classroom market?

5. What is the breakup of the global digital classroom market based on the product type?
6. What is the breakup of the global digital classroom market based on the application?
7. What are the key regions in the global digital classroom market?
8. Who are the key companies/players in the global digital classroom 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 DIGITAL CLASSROOM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Product Type
- 5.5 Market Breakup by Application
- 5.6 Market Breakup by Region
- 5.7 Market Forecast

6 MARKET BREAKUP BY PRODUCT TYPE

- 6.1 Digital Classroom Hardware
 - 6.1.1 Market Trends

- 6.1.2 Market Forecast
- 6.2 Digital Classroom Content
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Digital Classroom Software
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 K-12
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Higher Education
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 North America
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Europe
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Asia Pacific
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Middle East and Africa
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Latin America
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 GLOBAL DIGITAL CLASSROOM INDUSTRY: SWOT ANALYSIS

- 9.1 Overview
- 9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

10 GLOBAL DIGITAL CLASSROOM INDUSTRY: VALUE CHAIN ANALYSIS

11 GLOBAL DIGITAL CLASSROOM INDUSTRY: 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 GLOBAL DIGITAL CLASSROOM INDUSTRY: PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 Dell Inc.

13.3.2 Jenzabar, Inc.

13.3.3 Blackboard Inc.

13.3.4 Discovery Education, Inc.

13.3.5 Pearson Education, Inc.

13.3.6 Promethean Limited

13.3.7 Oracle Corporation

13.3.8 Educomp Solutions Ltd.

13.3.9 Ellucian Company L.P.

13.3.10 Echo360, Inc.

13.3.11 D2L Corporation

13.3.12 Unit4

13.3.13 APG & Co

13.3.14 SMART Technologies ULC

13.3.15 Dreambox Learning, Inc.

13.3.16 McGraw Hill

List Of Tables

LIST OF TABLES

Table 1: Global: Digital Classroom Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Digital Classroom Market Forecast: Breakup by Product Type (in Million US\$), 2024-2032

Table 3: Global: Digital Classroom Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Digital Classroom Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Global: Digital Classroom Market Structure

Table 6: Global: Digital Classroom Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Digital Classroom Market: Major Drivers and Challenges

Figure 2: Global: Digital Classroom Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Digital Classroom Market: Breakup by Product Type (in %), 2023

Figure 4: Global: Digital Classroom Market: Breakup by Application (in %), 2023

Figure 5: Global: Digital Classroom Market: Breakup by Region (in %), 2023

Figure 6: Global: Digital Classroom Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 7: Global: Digital Classroom Industry: SWOT Analysis

Figure 8: Global: Digital Classroom Industry: Value Chain Analysis

Figure 9: Global: Digital Classroom Industry: Porter's Five Forces Analysis

Figure 10: Global: Digital Classroom (Hardware) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Digital Classroom (Hardware) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Digital Classroom (Content) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Digital Classroom (Content) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Digital Classroom (Software) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Digital Classroom (Software) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Digital Classroom (K-12) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Digital Classroom (K-12) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Digital Classroom (Higher Education) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Digital Classroom (Higher Education) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: North America: Digital Classroom Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: North America: Digital Classroom Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Europe: Digital Classroom Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Europe: Digital Classroom Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Asia Pacific: Digital Classroom Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Asia Pacific: Digital Classroom Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Middle East and Africa: Digital Classroom Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Middle East and Africa: Digital Classroom Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Latin America: Digital Classroom Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Latin America: Digital Classroom Market Forecast: Sales Value (in Million US\$), 2024-2032

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