

Global ModelOps Market Size study, by Offering (Platforms, Deployment Mode, Services), by Model Type (ML Models, Graph-Based Models, Rule & Heuristic Models, Linguistic Models, Agent-Based Models, Bring Your Own Models, Other Model Types), by Application (Continuous Integration/Continuous Deployment, Batch Scoring, Governance, Risk and Compliance, Parallelization & Distributed Computing, Monitoring & Alerting, Dashboard & Reporting, Model Lifecycle Management, Others), by Verticals (BFSI, Retail & eCommerce, Healthcare & Life sciences, Telecommunications, IT/ITeS, Energy & Utilities, Manufacturing, Transportation & Logistics, Government & Defense, Other Verticals) and Regional Forecasts 2022-2032

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Abstracts

Global ModelOps Market is market is valued at USD 5.4 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 40.28% over the forecast period 2024-2032. ModelOps (Model Operations) refers to the end-to-end process of deploying, monitoring, managing, and scaling machine learning (ML) and artificial intelligence (AI) models in production environments. It encompasses a wide range of activities, including model versioning, governance, compliance, and performance monitoring. ModelOps aims to bridge the gap between data science and IT operations

by ensuring that models are deployed efficiently and perform reliably in real-world applications. By automating and streamlining the operationalization of models, ModelOps helps organizations quickly derive value from their AI and ML investments, maintain model accuracy over time, and comply with regulatory requirements. This discipline is crucial for enterprises looking to scale their AI initiatives and integrate models seamlessly into their business processes.

The Global ModelOps Market is driven by integration of ModelOps with DevOps and DataOps frameworks represents a significant driver for the market. This synergy enhances operational efficiency, streamlines workflows, and bridges the gap between model development and deployment. Furthermore, the demand for ModelOps is bolstered by the surge in data volumes requiring advanced analytics solutions capable of processing and interpreting vast datasets swiftly and accurately. However, challenges possess model interpretability and explainability pose restraints. Organizations often grapple with understanding and validating complex models, which can hinder broader adoption.

The key regions considered for the Global ModelOps Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America stands out as a dominant region in the ModelOps market. This leadership is underpinned by robust technological infrastructure, including cloud computing and analytics platforms, and a concentration of global enterprises. The region's regulatory environment, skilled workforce, and academic contributions further reinforce its market position. Organizations in North America leverage ModelOps to enhance model deployment, ensure compliance, and foster innovation. Furthermore, the market in Asia Pacific is anticipated to develop at the fastest rate over the forecast period 2024-2032. Major market players included in this report are:

IBM

Google

Oracle

SAS Institute

AWS

Teradata

Palantir

Veritone

Altair

c3.ai

The detailed segments and sub-segment of the market are explained below:

By Offering:

- Platforms
- Deployment Mode

- Services

By Model Type:

- ML Models
- Graph-Based Models
- Rule & Heuristic Models
- Linguistic Models
- Agent-Based Models
- Bring Your Own Models
- Other Model Types

By Application:

- Continuous Integration/Continuous Deployment
- Batch Scoring
- Governance, Risk and Compliance
- Parallelization & Distributed Computing
- Monitoring & Alerting
- Dashboard & Reporting
- Model Lifecycle Management
- Others

By Verticals:

- BFSI
- Retail & eCommerce
- Healthcare & Life sciences
- Telecommunications
- IT/ITeS
- Energy & Utilities
- Manufacturing
- Transportation & Logistics
- Government & Defense
- Other Verticals

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy

- ROE
- Asia Pacific
- China
 - India
 - Japan
 - Australia
 - South Korea
 - RoAPAC

Latin America

- Brazil
- Mexico
- RoLA

Middle East & Africa

- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market

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