

# **Global Big Data Analytics in Manufacturing Market Size study & Forecast, by Component (Software and Service), by Application (Predictive Maintenance, Budget Monitoring, Product Lifecycle Management, Field Activity Management, and Others), by Deployment Mode (Cloud and On-premise) and Regional Analysis, 2022-2029**

<https://marketpublishers.com/r/G2026C436369EN.html>

Date: April 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G2026C436369EN

## **Abstracts**

Global Big Data Analytics in Manufacturing Market is valued at approximately USD 1.18 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 30.9 % over the forecast period 2022-2029. Big data analytics in manufacturing assists businesses in improving supply chain planning, process defect tracking, and component defect tracking. One of the most important applications of big data analytics is predictive analytics, which is used to extract information from data and predict trends and behaviour patterns. The increasing automation across industries and growing demand for big data analytics in supply chain optimization are key factors driving market growth.

Over the years the spending on automation from different industries including automobiles has significantly increased creating strong demand for Global Big Data Analytics Market. For instance – according to Statista - In 2020, the global industrial automation market is expected to be worth USD 175 billion. The market is projected to grow at a compound annual growth rate (CAGR) of around nine percent until 2025. The global industrial automation market is expected to reach USD 265 billion by 2025. Also, rising usage of Predictive Analytics Tools as well as growing emergence of (Industrial Internet of Things) IIoT solutions would create lucrative growth opportunities for the market over the projected period. However, limited awareness and concern over data privacy hinder the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Big Data Analytics in Manufacturing Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of branded products and the increasing number of strategic collaborative initiatives between leading market players in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as increasing penetration of smart manufacturing as well as the region being one of the leading hubs for automotive manufacturing would offer lucrative opportunities for the market over the projected period.

Major market players included in this report are:

IBM Corporation

SAP SE

Microsoft Corporation

Oracle Corporation

SAS Institute Inc.

OpenText Corporation

Microstrategy

Information Builders

Tableau Software Inc.

Qlik Technologies Inc.

Recent Developments in the Market:

In June 2020, in order to fulfil the expanding demand for process automation and predictive maintenance in the industrial and logistics sectors across Southeast Asia, Japan, and North America, Microsoft Corporation teamed up with Hitachi. Both businesses intend to broaden the collaboration's application to additional industries.

In October 2019, Erbesd Instruments announced the launch of Phantom, a wireless vibration monitoring device that combines additional metrics including temperature, current, RPM, and speed into a single diagnosis system. Both a local database and a cloud-based system can receive data from it. With any gadget, whether a smartphone, computer, or tablet, the user can always keep tabs on their equipment.

Global Big Data Analytics in Manufacturing Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Component, Application, Deployment Mode, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component

Software

Service

By Application

Predictive Maintenance

Budget Monitoring

Product Lifecycle Management

Field Activity Management

Others

By Deployment Mode

Cloud

On-premise

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
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