

Anomaly Detection Market Size, Share, and Analysis, By Component (Solution, Services), By Technology (Big Data Analytics, Data Mining and Business Intelligence, Machine Learning and Artificial Intelligence), By Deployment Type (On-Premise and Cloud), By Verticals (BSFI, Retail, Manufacturing, IT Telecom, Defense Government, Healthcare, Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

<https://marketpublishers.com/r/A697B2975A03EN.html>

Date: February 2024

Pages: 520

Price: US\$ 5,150.00 (Single User License)

ID: A697B2975A03EN

Abstracts

Anomaly Detection Market Size, Share, and Analysis, By Component (Solution, Services), By Technology (Big Data Analytics, Data Mining and Business Intelligence, Machine Learning and Artificial Intelligence), By Deployment Type (On-Premise and Cloud), By Verticals (BSFI, Retail, Manufacturing, IT Telecom, Defense Government, Healthcare, Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

PRODUCT OVERVIEW

Anomaly Detection Market is anticipated to grow at a CAGR of 16.5% in the forecast period (2024-2034), with the market size valued at USD 4.8 billion in 2023 and projected to reach USD 25.7 billion by 2034.

Anomaly detection systems are essential tools used to identify irregularities within

various datasets. These systems play a crucial role in cybersecurity, finance, healthcare, and other sectors by detecting data anomalies or abnormalities using advanced algorithms and machine learning models. They can detect variations that may indicate potential flaws or anomalies by determining early patterns and allowing efficient risk-mitigation responses. Additionally, anomaly detection system contributes to improved security, quality control, and predictive maintenance by enabling industries to make informed decisions by quickly identifying abnormalities within complicated datasets. Furthermore, real-time anomaly detection systems are becoming increasingly popular and improves the ability to prevent possible malfunctions.

MARKET HIGHLIGHTS

Anomaly Detection Market is anticipated to reach USD 25.7 billion, growing at a CAGR of 16.5% during the forecast period, owing to growing concerns about data security and the widespread adoption of AI and machine learning technologies across multiple industries. The demand for early threat identification, fraud mitigation, and fault detection is projected to rise steadily. Leading market players are actively introducing modern anomaly detection solutions that provide continuous surveillance and utilize deep learning capabilities to meet the evolving needs of businesses. Additionally, there is a shift toward cloud-based anomaly detection services, which provide scalability and adaptability. The global anomaly detection market is poised for significant growth as big data and IoT applications continue to expand.

Anomaly Detection Market Segments:

By Component

Solution

Services

By Technology

Big Data Analytics

Data Mining and Business Intelligence

Machine Learning and Artificial Intelligence

By Deployment Type

On-Premise

Cloud

By Vertical

BSFI

Retail

Manufacturing

IT Telecom

Defense Government

Healthcare

Others

MARKET DYNAMICS

Growth Drivers

Increased Data Complexity Will Drive Market Growth

AI and Machine Learning Advancements are Driving the Growth of Anomaly Detection Market

Restraint

Challenge of False Alarm May Limit Market Expansion

Key Players

Splunk

IBM

Microsoft

SAS Institute

Rapid7

Trend Micro

RSA Security

Darktrace

Alert Logic

Securonix

Trustwave

Cisco

Anodot

Exabeam

LogRhythm

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAG.R – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with

respect t%li%recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight int%li%the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years t%li%come

3-month post-sales analyst support.

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