

# **Edge Analytics Market – Global Industry Size, Share, Trends, Opportunity, and Forecast. 2018-2028F Segmented By Component (Solution and Services), By Type (Descriptive Analytics, Predictive Analytics, Prescriptive Analytics and Diagnostics Analytics), By Application (Marketing, Sales, Operations, Finance, Human Resources),**

<https://marketpublishers.com/r/ED22E9645F6EEN.html>

Date: September 2023

Pages: 188

Price: US\$ 4,900.00 (Single User License)

ID: ED22E9645F6EEN

## **Abstracts**

Edge Analytics Market is driving on account of the increasing need for real-time insights with growing surge for network devices in private sector. Edge analytics is a type of analytics that analyzes data at non-central parts of the system, such as sensors, switches, and different linked devices. The rising need for real-time insights, the growing government initiatives in ICT, increasing popularity of Internet of Things (IoT), Artificial Intelligence (AI), and cloud computing technologies along with the growth of IoT devices and rising adaptability for edge analytics is expected to fuel the expansion of edge analytics market. Edge analytics is becoming the foundational technology model for the small and medium enterprises for managing the increased data prevalence. Many enterprises are adopting edge analytics as a cost-effective solution to bolster the need to process enormous data, dark data in near real-time and providing automated resolution. With the rapid changes in regulatory frameworks, working habits and customer expectations, technology for real-time analysis is considered to be a growing area of investment for government and institutions as they streamline their operations. Additionally, the growth of the market is on account of the easy availability of IoT based edge analytics tools such as AWS IoT GreenGrass, IBM Watson IoT Edge Analytics, Microsoft Azure IoT Edge, Oracle Edge Analytics (OEA) and many more. Due to the continuous technological advancements, it has enabled several vendors to integrate traditional manufacturing and operation process in the past years. Technology has

become the key enabler of excellence and businesses are rapidly implementing sensors and including smart devices, coupled with edge analytics systems, gradually allowing for speedier data analysis. The increasing attention to security regulations, rapid expansion in collaboration between national regulatory, and security institutions are further expected to boost the global edge analytics market in the forecast period.

### Advent of Internet of Things (IoT) and Proliferation of Massive Amount of Data Through Connected Devices

The massive adoption of edge analytics applications in the public as well as in the government institutions for data monitoring, surveillance, and other use case concerns have spurred the growth in edge analytics market globally. With the advent of IoT, businesses are integrating edge analytics with IoT and using them to monitor their production systems. IoT edge analytics is best suited for systems that require rapid data turnover to drive functionality, IoT systems that collect large amounts of data, and IoT devices that function off-network for remote deployment and data security reasons. Moreover, the enterprises of varied countries are integrating IoT based edge analytics solutions to collect the information locally without missing anything due to irregularity in communication links and reduction in the bandwidth cost. For instance, to address the challenge of deploying military drones in remote locations, government, security forces and other enterprises are adapting IoT edge analytics to get the real-time feedback effectively, allowing near-real solutions ensure a safe mission. This integration is technically helping drones reach the outside world via satellite communication. Furthermore, according to the International Data Corporation (IDC), there will be around 41.6 billion IoT devices in 2025, which are capable of generating 79.4 zettabytes (ZB) of data. Thus, the advent of IoT and proliferation of massive amount of data through connected devices are further allowing the implementation of edge analytics solutions, supporting the growth of the edge analytics market globally.

### Surge in Demand for Prescriptive & Predictive Analytics in Private Sector

The increased demand for prescriptive as well as predictive analytics in the private sector such as consumer electronics, manufacturing, logistics is likely to drive the expansion of the edge analytics market over the forecast period. Predictive and prescriptive analytics are going and growing together like a bird of a feather. Post the prediction of potential outcomes, the enterprises use prescriptive analytics to help control those outcomes, which are beneficial to the business in the longer run. It aids businesses identify the best course of action so that enterprises can achieve business goals like cost reduction, customer satisfaction, profitability, etc. For instance,

prescriptive analytics solution like IBM Decision Optimization, is enabling accurate decision-making for complex problems by providing tools for building and deploying optimization models that are mathematical representations of business problems. As a result, these solutions are high in demand by the enterprises and are becoming more integrated into the private sector. Furthermore, the enterprises are exponentially concerned more for utilizing such enormous benefits of advanced solutions for removing underperforming channels, increasing their efficiency, managing risk management, building repeatable and scalable process and achieving higher agility. Thus, the rising demand for predictive and prescriptive analytics solutions is expected to grow the edge analytics market globally in the forecast period.

### Low Latency and High Bandwidth Issues of Data Transfer Driving the Edge Analytics Market

The recent advancements in new technologies along with integration into the edge-computing world, has opened many possibilities for economic and societal growth for many organizations. As the increasing volume of data, with the adoption of numerous smart devices and internet services, are slowing down the requests and reducing the speed of processing significantly. Edge analytics is one of the trending emerging solutions which is offering the ability to process the data with exceptional speeds and are enabling enhanced experience at the user end, providing the flexibility for high bandwidth and low latency issues during the data transfer. For instance, as per the study, only 10% of the data generation have been created and processed by the edge in 2022. Further, it is predicted that nearly 75% of the data will be on edge by 2025, leaving the traditional data centers and cloud storage. Industries within financial and banking sectors are adopting edge solutions to process the banking algorithms, executing the process quicker, and increasing overall profits significantly. Furthermore, service providers such as media & entertainments industries are leveraging the benefits of high bandwidth and low latency capabilities to ensure a seamless streaming experience for viewers, thus enabling the adoption of edge solutions in various organizations and is propelling the growth of edge analytics market in the forecast period.

### Market Segmentation

The global edge analytics market is segmented into component, type, application, deployment mode, end-user, and region. Based on component, the market is segmented into solution and services. Based on type, the market is bifurcated into descriptive analytics, predictive analytics, prescriptive analytics and diagnostics

analytics. Based on application, the market is categorized into marketing, sales, operations, finance, and human resources. By deployment mode type, the market is divided into on-premises and on-cloud. The end-user segment is further categorized into healthcare & life sciences, BFSI, retail & consumer goods, manufacturing, IT & telecommunication, transportation & logistics, media & entertainment, energy & utility, government & defence, travel & hospitality and others.

## Market Player

Major market players in the global edge analytics market are IBM Corporation, Cisco Systems, Inc., Dell Inc., Equinix, Inc., Greenwave Systems, Hp Inc., Iguazio Ltd, Intel Corporation, Microsoft Corporation, Oracle Corporation.

## Report Scope:

In this report, the global edge analytics market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Edge Analytics Market, By Component

Solution

Services

### Edge Analytics Market, By Type

Descriptive Analytics

Predictive Analytics

Prescriptive Analytics

Diagnostics Analytics

### Edge Analytics Market, By Application

Marketing

Sales

Operations

Finance

Human Resources

#### Edge Analytics Market, By Deployment Mode

On-Premises

On-Cloud

#### Edge Analytics Market, By End-User

Healthcare & Life Sciences

BFSI

Retail & Consumer Goods

Manufacturing

IT & Telecommunication

Transportation & Logistics

Media & Entertainment

Energy & Utility

Government & Defense

Travel & Hospitality

Other

#### Edge Analytics Market, By Region:

## North America

United States

Canada

Mexico

## Asia-Pacific

China

Japan

South Korea

India

Australia

## Europe

United Kingdom

Germany

France

Italy

Spain

## South America

Brazil

Argentina

Colombia

Middle East

UAE

Saudi Arabia

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Edge Analytics Market.

Available Customizations:

Global Edge Analytics Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

- 1. Service Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations

## **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

## **3. IMPACT OF COVID-19 ON GLOBAL EDGE ANALYTICS MARKET**

## **4. EXECUTIVE SUMMARY**

## **5. VOICE OF CUSTOMERS**

## **6. GLOBAL EDGE ANALYTICS MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Component (Solution and Services)
  - 6.2.2. By Type (Descriptive Analytics, Predictive Analytics, Prescriptive Analytics and Diagnostics Analytics)
  - 6.2.3. By Application (Marketing, Sales, Operations, Finance, Human Resources)
  - 6.2.4. By Deployment Mode (On-Premises and On-Cloud)
  - 6.2.5. By End-User (Healthcare & Life Sciences, BFSI, Retail & Consumer Goods, Manufacturing, IT & Telecommunication, Transportation & Logistics, Media & Entertainment, Energy & Utility, Government & Defence, Travel & Hospitality and Other)
  - 6.2.6. By Region (North America, Europe, Asia-Pacific, South America, Middle East &



Africa (MEA))

6.3. By Company (2022)

6.4. Market Map

## **7. NORTH AMERICA EDGE ANALYTICS MARKET OUTLOOK**

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Component

7.2.2. By Type

7.2.3. By Application

7.2.4. By Deployment Mode

7.2.5. By End-User

7.2.6. By Country

7.3. North America: Country Analysis

7.3.1. United States Edge Analytics Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Component

7.3.1.2.2. By Type

7.3.1.2.3. By Application

7.3.1.2.4. By Deployment Mode

7.3.1.2.5. By End-User

7.3.2. Canada Edge Analytics Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Component

7.3.2.2.2. By Type

7.3.2.2.3. By Application

7.3.2.2.4. By Deployment Mode

7.3.2.2.5. By End-User

7.3.3. Mexico Edge Analytics Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Component

- 7.3.3.2.2. By Type
- 7.3.3.2.3. By Application
- 7.3.3.2.4. By Deployment Mode
- 7.3.3.2.5. By End-User

## **8. ASIA-PACIFIC EDGE ANALYTICS MARKET OUTLOOK**

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Component

#### 8.2.2. By Type

#### 8.2.3. By Application

#### 8.2.4. By Deployment Mode

#### 8.2.5. By End-User

#### 8.2.6. By Country

### 8.3. Asia-Pacific: Country Analysis

#### 8.3.1. China Edge Analytics Market Outlook

##### 8.3.1.1. Market Size & Forecast

###### 8.3.1.1.1. By Value

##### 8.3.1.2. Market Share & Forecast

###### 8.3.1.2.1. By Component

###### 8.3.1.2.2. By Type

###### 8.3.1.2.3. By Application

###### 8.3.1.2.4. By Deployment Mode

###### 8.3.1.2.5. By End-User

#### 8.3.2. Japan Edge Analytics Market Outlook

##### 8.3.2.1. Market Size & Forecast

###### 8.3.2.1.1. By Value

##### 8.3.2.2. Market Share & Forecast

###### 8.3.2.2.1. By Component

###### 8.3.2.2.2. By Type

###### 8.3.2.2.3. By Application

###### 8.3.2.2.4. By Deployment Mode

###### 8.3.2.2.5. By End-User

#### 8.3.3. South Korea Edge Analytics Market Outlook

##### 8.3.3.1. Market Size & Forecast

###### 8.3.3.1.1. By Value

##### 8.3.3.2. Market Share & Forecast

- 8.3.3.2.1. By Component
- 8.3.3.2.2. By Type
- 8.3.3.2.3. By Application
- 8.3.3.2.4. By Deployment Mode
- 8.3.3.2.5. By End-User
- 8.3.4. India Edge Analytics Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Component
    - 8.3.4.2.2. By Type
    - 8.3.4.2.3. By Application
    - 8.3.4.2.4. By Deployment Mode
    - 8.3.4.2.5. By End-User
- 8.3.5. Australia Edge Analytics Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Component
    - 8.3.5.2.2. By Type
    - 8.3.5.2.3. By Application
    - 8.3.5.2.4. By Deployment Mode
    - 8.3.5.2.5. By End-User

## **9. EUROPE EDGE ANALYTICS MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Component
  - 9.1.2. By Type
  - 9.1.3. By Application
  - 9.1.4. By Deployment Mode
  - 9.1.5. By End-User
  - 9.1.6. By Country
- 9.2. Europe: Country Analysis
  - 9.2.1. United Kingdom Edge Analytics Market Outlook
    - 9.2.1.1. Market Size & Forecast
      - 9.2.1.1.1. By Value
    - 9.2.1.2. Market Share & Forecast
      - 9.2.1.2.1. By Component

- 9.2.1.2.2. By Type
- 9.2.1.2.3. By Application
- 9.2.1.2.4. By Deployment Mode
- 9.2.1.2.5. By End-User
- 9.2.2. Germany Edge Analytics Market Outlook
  - 9.2.2.1. Market Size & Forecast
    - 9.2.2.1.1. By Value
  - 9.2.2.2. Market Share & Forecast
    - 9.2.2.2.1. By Component
    - 9.2.2.2.2. By Type
    - 9.2.2.2.3. By Application
    - 9.2.2.2.4. By Deployment Mode
    - 9.2.2.2.5. By End-User
- 9.2.3. France Edge Analytics Market Outlook
  - 9.2.3.1. Market Size & Forecast
    - 9.2.3.1.1. By Value
  - 9.2.3.2. Market Share & Forecast
    - 9.2.3.2.1. By Component
    - 9.2.3.2.2. By Type
    - 9.2.3.2.3. By Application
    - 9.2.3.2.4. By Deployment Mode
    - 9.2.3.2.5. By End-User
- 9.2.4. Italy Edge Analytics Market Outlook
  - 9.2.4.1. Market Size & Forecast
    - 9.2.4.1.1. By Value
  - 9.2.4.2. Market Share & Forecast
    - 9.2.4.2.1. By Component
    - 9.2.4.2.2. By Type
    - 9.2.4.2.3. By Application
    - 9.2.4.2.4. By Deployment Mode
    - 9.2.4.2.5. By End-User
- 9.2.5. Spain Edge Analytics Market Outlook
  - 9.2.5.1. Market Size & Forecast
    - 9.2.5.1.1. By Value
  - 9.2.5.2. Market Share & Forecast
    - 9.2.5.2.1. By Component
    - 9.2.5.2.2. By Type
    - 9.2.5.2.3. By Application
    - 9.2.5.2.4. By Deployment Mode

#### 9.2.5.2.5. By End-User

## 10. SOUTH AMERICA EDGE ANALYTICS MARKET OUTLOOK

### 10.1. Market Size & Forecast

#### 10.1.1. By Value

### 10.2. Market Share & Forecast

#### 10.2.1. By Component

#### 10.2.2. By Type

#### 10.2.3. By Application

#### 10.2.4. By Deployment Mode

#### 10.2.5. By End-User

#### 10.2.6. By Country

### 10.3. South America: Country Analysis

#### 10.3.1. Brazil Edge Analytics Market Outlook

##### 10.3.1.1. Market Size & Forecast

###### 10.3.1.1.1. By Value

##### 10.3.1.2. Market Share & Forecast

###### 10.3.1.2.1. By Component

###### 10.3.1.2.2. By Type

###### 10.3.1.2.3. By Application

###### 10.3.1.2.4. By Deployment Mode

###### 10.3.1.2.5. By End-User

#### 10.3.2. Argentina Edge Analytics Market Outlook

##### 10.3.2.1. Market Size & Forecast

###### 10.3.2.1.1. By Value

##### 10.3.2.2. Market Share & Forecast

###### 10.3.2.2.1. By Component

###### 10.3.2.2.2. By Type

###### 10.3.2.2.3. By Application

###### 10.3.2.2.4. By Deployment Mode

###### 10.3.2.2.5. By End-User

#### 10.3.3. Colombia Edge Analytics Market Outlook

##### 10.3.3.1. Market Size & Forecast

###### 10.3.3.1.1. By Value

##### 10.3.3.2. Market Share & Forecast

###### 10.3.3.2.1. By Component

###### 10.3.3.2.2. By Type

###### 10.3.3.2.3. By Application

10.3.3.2.4. By Deployment Mode

10.3.3.2.5. By End-User

## **11. MIDDLE EAST & AFRICA EDGE ANALYTICS MARKET OUTLOOK**

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By Component

11.2.2. By Type

11.2.3. By Application

11.2.4. By Deployment Mode

11.2.5. By End-User

11.2.6. By Country

11.3. Middle East & Africa: Country Analysis

11.3.1. UAE Edge Analytics Market Outlook

11.3.1.1. Market Size & Forecast

11.3.1.1.1. By Value

11.3.1.2. Market Share & Forecast

11.3.1.2.1. By Component

11.3.1.2.2. By Type

11.3.1.2.3. By Application

11.3.1.2.4. By Deployment Mode

11.3.1.2.5. By End-User

11.3.2. Saudi Arabia Edge Analytics Market Outlook

11.3.2.1. Market Size & Forecast

11.3.2.1.1. By Value

11.3.2.2. Market Share & Forecast

11.3.2.2.1. By Component

11.3.2.2.2. By Type

11.3.2.2.3. By Application

11.3.2.2.4. By Deployment Mode

11.3.2.2.5. By End-User

11.3.3. South Africa Edge Analytics Market Outlook

11.3.3.1. Market Size & Forecast

11.3.3.1.1. By Value

11.3.3.2. Market Share & Forecast

11.3.3.2.1. By Component

11.3.3.2.2. By Type

- 11.3.3.2.3. By Application
- 11.3.3.2.4. By Deployment Mode
- 11.3.3.2.5. By End-User

## **12. MARKET DYNAMICS**

### 12.1. Drivers

- 12.1.1. Advent of Internet of Things (IoT) and Proliferation of Massive Amount of Data Through Connected Devices
- 12.1.2. Surge in Demand for Prescriptive & Predictive Analytics in Private Sector
- 12.1.3. Low latency Speeds of Data Transfer

### 12.2. Challenges

- 12.2.1. Issues Pertaining to Safety and Security
- 12.2.2. Lack of Universally Accepted Standards

## **13. MARKET TRENDS & DEVELOPMENTS**

- 13.1. Surge in Demand for Edge Analytics in Automotive Industry
- 13.2. Increase in Demand and Emerging Edge Computing Technology
- 13.3. Increasing Investment in R&D Programs
- 13.4. Growing Business needs due to Covid-19 Driving Adoption

## **14. COMPANY PROFILES**

### 14.1. IBM Corporation

- 14.1.1. Business Overview
- 14.1.2. Key Revenue and Financials
- 14.1.3. Recent Developments
- 14.1.4. Key Personnel
- 14.1.5. Key Product/Services

### 14.2. Cisco Systems Inc.

- 14.2.1. Business Overview
- 14.2.2. Key Revenue and Financials
- 14.2.3. Recent Developments
- 14.2.4. Key Personnel
- 14.2.5. Key Product/Services

### 14.3. Dell Inc.

- 14.3.1. Business Overview
- 14.3.2. Key Revenue and Financials

- 14.3.3. Recent Developments
- 14.3.4. Key Personnel
- 14.3.5. Key Product/Services
- 14.4. Equinix Inc.
  - 14.4.1. Business Overview
  - 14.4.2. Key Revenue and Financials
  - 14.4.3. Recent Developments
  - 14.4.4. Key Personnel
  - 14.4.5. Key Product/Services
- 14.5. Greenwave Systems
  - 14.5.1. Business Overview
  - 14.5.2. Key Revenue and Financials
  - 14.5.3. Recent Developments
  - 14.5.4. Key Personnel
  - 14.5.5. Key Product/Services
- 14.6. HP Inc.
  - 14.6.1. Business Overview
  - 14.6.2. Key Revenue and Financials
  - 14.6.3. Recent Developments
  - 14.6.4. Key Personnel
  - 14.6.5. Key Product/Services
- 14.7. Iguazio Ltd
  - 14.7.1. Business Overview
  - 14.7.2. Key Revenue and Financials
  - 14.7.3. Recent Developments
  - 14.7.4. Key Personnel
  - 14.7.5. Key Product/Services
- 14.8. Intel Corporation
  - 14.8.1. Business Overview
  - 14.8.2. Key Revenue and Financials
  - 14.8.3. Recent Developments
  - 14.8.4. Key Personnel
  - 14.8.5. Key Product/Services
- 14.9. Microsoft Corporation
  - 14.9.1. Business Overview
  - 14.9.2. Key Revenue and Financials
  - 14.9.3. Recent Developments
  - 14.9.4. Key Personnel
  - 14.9.5. Key Product/Services



#### 14.10. Oracle Corporation

14.10.1. Business Overview

14.10.2. Key Revenue and Financials

14.10.3. Recent Developments

14.10.4. Key Personnel

14.10.5. Key Product/Services

### **15. STRATEGIC RECOMMENDATIONS**

### **16. ABOUT US & DISCLAIMER**

(Note: The companies list can be customized based on the client requirements.)

## I would like to order

Product name: Edge Analytics Market – Global Industry Size, Share, Trends, Opportunity, and Forecast. 2018-2028F Segmented By Component (Solution and Services), By Type (Descriptive Analytics, Predictive Analytics, Prescriptive Analytics and Diagnostics Analytics), By Application (Marketing, Sales, Operations, Finance, Human Resources),

Product link: <https://marketpublishers.com/r/ED22E9645F6EEN.html>

Price: US\$ 4,900.00 (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/ED22E9645F6EEN.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