

Global Big Data Analytics in Telecom Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GBF86306B273EN.html>

Date: June 2026

Pages: 150

Price: US\$ 3,480.00 (Single User License)

ID: GBF86306B273EN

Abstracts

According to our (Global Info Research) latest study, the global Big Data Analytics in Telecom market size was valued at US\$ 963 million in 2025 and is forecast to a readjusted size of US\$ 1471 million by 2032 with a CAGR of 6.2% during review period.

Big Data Analytics in Telecom refers to the in-depth analysis of massive amounts of data generated by telecommunications networks (including signaling, call detail records, network logs, location information, customer profiles, etc.) using data collection, storage, processing, mining, and visualization technologies. This comprehensive solution supports network optimization, customer relationship management, precision marketing, operation and maintenance support, and security protection. Its core tasks include: traffic prediction and network congestion early warning, customer churn analysis and retention, base station fault root cause location, DPI (Deep Packet Inspection) service identification, signaling storm monitoring, and fraud detection. It typically employs Hadoop/Spark distributed computing, stream processing, and machine learning algorithms to process petabytes of data in real-time or offline.

The global landscape of Big Data Analytics in Telecom is characterized by North America's technological leadership, Europe's compliance-driven approach, and the Asia-Pacific region's rapid application expansion. North America (the US and Canada) boasts mature technologies in 5G network optimization, customer churn prediction, and real-time signaling analysis. Europe, influenced by GDPR and data sovereignty, emphasizes privacy computing, edge node anonymization, and data residency within the EU. The Asia-Pacific region, with its large mobile user base and rapid 5G deployment, is experiencing strong demand for network slicing optimization, smart cities, and precision marketing, with China's three major operators and vendors like

Huawei actively developing these technologies. Future trends include generative AI-assisted network operation and maintenance, digital twin network analysis, cross-industry data fusion (finance/transportation), and real-time edge analytics. Key obstacles include data silos, high privacy compliance costs, insufficient model generalization capabilities, and internal organizational barriers within operators. Dynamically, the GSMA is promoting the standardization of big data APIs, operators are utilizing federated learning for cross-domain modeling, and anti-fraud and user experience analysis are becoming investment hotspots.

This report is a detailed and comprehensive analysis for global Big Data Analytics in Telecom market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Big Data Analytics in Telecom market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Big Data Analytics in Telecom market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Big Data Analytics in Telecom market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Big Data Analytics in Telecom market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Big Data Analytics in Telecom

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Big Data Analytics in Telecom market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Microsoft Corporation, Software AG, Sensewaves, SAP, IBM Corp, Splunk, Oracle Corp., Teradata Corp., Amazon Web Services, Cloudera, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Big Data Analytics in Telecom market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Cloud-based

On-premise

Market segment by Concurrency

Concurrency:

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Big Data Analytics in Telecom by Type

1.3.1 Overview: Global Big Data Analytics in Telecom Market Size by Type: 2021 Versus 2025 Versus 2032

1.3.2 Global Big Data Analytics in Telecom Consumption Value Market Share by Type in 2025

1.3.3 Cloud-based

1.3.4 On-premise

1.4 Classification of Big Data Analytics in Telecom by Concurrency

1.4.1 Overview: Global Big Data Analytics in Telecom Market Size by Concurrency: 2021 Versus 2025 Versus 2032

1.4.2 Global Big Data Analytics in Telecom Consumption Value Market Share by Concurrency in 2025

1.4.3 Concurrency:

List Of Tables

LIST OF TABLES

Table 1. Global Big Data Analytics in Telecom Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Big Data Analytics in Telecom Consumption Value by Concurrency, (USD Million), 2021 & 2025 & 2032

Table 3. Global Big Data Analytics in Telecom Consumption Value by User, (USD Million), 2021 & 2025 & 2032

Table 4. Global Big Data Analytics in Telecom Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Global Big Data Analytics in Telecom Consumption Value by Region (2021-2026) & (USD Million)

Table 6. Global Big Data Analytics in Telecom Consumption Value by Region (2027-2032) & (USD Million)

Table 7. Microsoft Corporation Company Information, Head Office, and Major Competitors

Table 8. Microsoft Corporation Major Business

Table 9. Microsoft Corporation Big Data Analytics in Telecom Product and Solutions

Table 10. Microsoft Corporation Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 11. Microsoft Corporation Recent Developments and Future Plans

Table 12. Software AG Company Information, Head Office, and Major Competitors

Table 13. Software AG Major Business

Table 14. Software AG Big Data Analytics in Telecom Product and Solutions

Table 15. Software AG Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 16. Software AG Recent Developments and Future Plans

Table 17. Sensewaves Company Information, Head Office, and Major Competitors

Table 18. Sensewaves Major Business

Table 19. Sensewaves Big Data Analytics in Telecom Product and Solutions

Table 20. Sensewaves Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 21. SAP Company Information, Head Office, and Major Competitors

Table 22. SAP Major Business

Table 23. SAP Big Data Analytics in Telecom Product and Solutions

Table 24. SAP Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. SAP Recent Developments and Future Plans
Table 26. IBM Corp Company Information, Head Office, and Major Competitors
Table 27. IBM Corp Major Business
Table 28. IBM Corp Big Data Analytics in Telecom Product and Solutions
Table 29. IBM Corp Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 30. IBM Corp Recent Developments and Future Plans
Table 31. Splunk Company Information, Head Office, and Major Competitors
Table 32. Splunk Major Business
Table 33. Splunk Big Data Analytics in Telecom Product and Solutions
Table 34. Splunk Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 35. Splunk Recent Developments and Future Plans
Table 36. Oracle Corp. Company Information, Head Office, and Major Competitors
Table 37. Oracle Corp. Major Business
Table 38. Oracle Corp. Big Data Analytics in Telecom Product and Solutions
Table 39. Oracle Corp. Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 40. Oracle Corp. Recent Developments and Future Plans
Table 41. Teradata Corp. Company Information, Head Office, and Major Competitors
Table 42. Teradata Corp. Major Business
Table 43. Teradata Corp. Big Data Analytics in Telecom Product and Solutions
Table 44. Teradata Corp. Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 45. Teradata Corp. Recent Developments and Future Plans
Table 46. Amazon Web Services Company Information, Head Office, and Major Competitors
Table 47. Amazon Web Services Major Business
Table 48. Amazon Web Services Big Data Analytics in Telecom Product and Solutions
Table 49. Amazon Web Services Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 50. Amazon Web Services Recent Developments and Future Plans
Table 51. Cloudera Company Information, Head Office, and Major Competitors
Table 52. Cloudera Major Business
Table 53. Cloudera Big Data Analytics in Telecom Product and Solutions
Table 54. Cloudera Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 55. Cloudera Recent Developments and Future Plans
Table 56. Hewlett Packard Enterprise (HPE) Company Information, Head Office, and

Major Competitors

Table 57. Hewlett Packard Enterprise (HPE) Major Business

Table 58. Hewlett Packard Enterprise (HPE) Big Data Analytics in Telecom Product and Solutions

Table 59. Hewlett Packard Enterprise (HPE) Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 60. Hewlett Packard Enterprise (HPE) Recent Developments and Future Plans

Table 61. Pivotal Software Company Information, Head Office, and Major Competitors

Table 62. Pivotal Software Major Business

Table 63. Pivotal Software Big Data Analytics in Telecom Product and Solutions

Table 64. Pivotal Software Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 65. Pivotal Software Recent Developments and Future Plans

Table 66. DataBricks Company Information, Head Office, and Major Competitors

Table 67. DataBricks Major Business

Table 68. DataBricks Big Data Analytics in Telecom Product and Solutions

Table 69. DataBricks Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 70. DataBricks Recent Developments and Future Plans

Table 71. TIBCO Software Company Information, Head Office, and Major Competitors

Table 72. TIBCO Software Major Business

Table 73. TIBCO Software Big Data Analytics in Telecom Product and Solutions

Table 74. TIBCO Software Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 75. TIBCO Software Recent Developments and Future Plans

Table 76. Nokia Company Information, Head Office, and Major Competitors

Table 77. Nokia Major Business

Table 78. Nokia Big Data Analytics in Telecom Product and Solutions

Table 79. Nokia Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 80. Nokia Recent Developments and Future Plans

Table 81. Ericsson Company Information, Head Office, and Major Competitors

Table 82. Ericsson Major Business

Table 83. Ericsson Big Data Analytics in Telecom Product and Solutions

Table 84. Ericsson Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Ericsson Recent Developments and Future Plans

Table 86. Altran Company Information, Head Office, and Major Competitors

Table 87. Altran Major Business

Table 88. Altran Big Data Analytics in Telecom Product and Solutions
Table 89. Altran Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 90. Altran Recent Developments and Future Plans
Table 91. T-Systems Company Information, Head Office, and Major Competitors
Table 92. T-Systems Major Business
Table 93. T-Systems Big Data Analytics in Telecom Product and Solutions
Table 94. T-Systems Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 95. T-Systems Recent Developments and Future Plans
Table 96. Huawei Company Information, Head Office, and Major Competitors
Table 97. Huawei Major Business
Table 98. Huawei Big Data Analytics in Telecom Product and Solutions
Table 99. Huawei Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 100. Huawei Recent Developments and Future Plans
Table 101. ZTE Company Information, Head Office, and Major Competitors
Table 102. ZTE Major Business
Table 103. ZTE Big Data Analytics in Telecom Product and Solutions
Table 104. ZTE Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 105. ZTE Recent Developments and Future Plans
Table 106. Asiatel Company Information, Head Office, and Major Competitors
Table 107. Asiatel Major Business
Table 108. Asiatel Big Data Analytics in Telecom Product and Solutions
Table 109. Asiatel Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 110. Asiatel Recent Developments and Future Plans
Table 111. Bocoict Company Information, Head Office, and Major Competitors
Table 112. Bocoict Major Business
Table 113. Bocoict Big Data Analytics in Telecom Product and Solutions
Table 114. Bocoict Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Bocoict Recent Developments and Future Plans
Table 116. NEC Corporation Company Information, Head Office, and Major Competitors
Table 117. NEC Corporation Major Business
Table 118. NEC Corporation Big Data Analytics in Telecom Product and Solutions
Table 119. NEC Corporation Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. NEC Corporation Recent Developments and Future Plans

Table 121. Fujitsu Company Information, Head Office, and Major Competitors

Table 122. Fujitsu Major Business

Table 123. Fujitsu Big Data Analytics in Telecom Product and Solutions

Table 124. Fujitsu Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 125. Fujitsu Recent Developments and Future Plans

Table 126. Rakuten Mobile Company Information, Head Office, and Major Competitors

Table 127. Rakuten Mobile Major Business

Table 128. Rakuten Mobile Big Data Analytics in Telecom Product and Solutions

Table 129. Rakuten Mobile Big Data Analytics in Telecom Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 130. Rakuten Mobile Recent Developments and Future Plans

Table 131. Global Big Data Analytics in Telecom Revenue (USD Million) by Players (2021-2026)

Table 132. Global Big Data Analytics in Telecom Revenue Share by Players (2021-2026)

Table 133. Breakdown of Big Data Analytics in Telecom by Company Type (Tier 1, Tier 2, and Tier 3)

Table 134. Market Position of Players in Big Data Analytics in Telecom, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 135. Head Office of Key Big Data Analytics in Telecom Players

Table 136. Big Data Analytics in Telecom Market: Company Product Type Footprint

Table 137. Big Data Analytics in Telecom Market: Company Product Application Footprint

Table 138. Big Data Analytics in Telecom New Market Entrants and Barriers to Market Entry

Table 139. Big Data Analytics in Telecom Mergers, Acquisition, Agreements, and Collaborations

Table 140. Global Big Data Analytics in Telecom Consumption Value (USD Million) by Type (2021-2026)

Table 141. Global Big Data Analytics in Telecom Consumption Value Share by Type (2021-2026)

Table 142. Global Big Data Analytics in Telecom Consumption Value Forecast by Type (2027-2032)

Table 143. Global Big Data Analytics in Telecom Consumption Value by Application (2021-2026)

Table 144. Global Big Data Analytics in Telecom Consumption Value Forecast by Application (2027-2032)

Table 145. North America Big Data Analytics in Telecom Consumption Value by Type (2021-2026) & (USD Million)

Table 146. North America Big Data Analytics in Telecom Consumption Value by Type (2027-2032) & (USD Million)

Table 147. North America Big Data Analytics in Telecom Consumption Value by Application (2021-2026) & (USD Million)

Table 148. North America Big Data Analytics in Telecom Consumption Value by Application (2027-2032) & (USD Million)

Table 149. North America Big Data Analytics in Telecom Consumption Value by Country (2021-2026) & (USD Million)

Table 150. North America Big Data Analytics in Telecom Consumption Value by Country (2027-2032) & (USD Million)

Table 151. Europe Big Data Analytics in Telecom Consumption Value by Type (2021-2026) & (USD Million)

Table 152. Europe Big Data Analytics in Telecom Consumption Value by Type (2027-2032) & (USD Million)

Table 153. Europe Big Data Analytics in Telecom Consumption Value by Application (2021-2026) & (USD Million)

Table 154. Europe Big Data Analytics in Telecom Consumption Value by Application (2027-2032) & (USD Million)

Table 155. Europe Big Data Analytics in Telecom Consumption Value by Country (2021-2026) & (USD Million)

Table 156. Europe Big Data Analytics in Telecom Consumption Value by Country (2027-2032) & (USD Million)

Table 157. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Type (2021-2026) & (USD Million)

Table 158. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Type (2027-2032) & (USD Million)

Table 159. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Application (2021-2026) & (USD Million)

Table 160. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Application (2027-2032) & (USD Million)

Table 161. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Region (2021-2026) & (USD Million)

Table 162. Asia-Pacific Big Data Analytics in Telecom Consumption Value by Region (2027-2032) & (USD Million)

Table 163. South America Big Data Analytics in Telecom Consumption Value by Type (2021-2026) & (USD Million)

Table 164. South America Big Data Analytics in Telecom Consumption Value by Type

(2027-2032) & (USD Million)

Table 165. South America Big Data Analytics in Telecom Consumption Value by Application (2021-2026) & (USD Million)

Table 166. South America Big Data Analytics in Telecom Consumption Value by Application (2027-2032) & (USD Million)

Table 167. South America Big Data Analytics in Telecom Consumption Value by Country (2021-2026) & (USD Million)

Table 168. South America Big Data Analytics in Telecom Consumption Value by Country (2027-2032) & (USD Million)

Table 169. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Type (2021-2026) & (USD Million)

Table 170. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Type (2027-2032) & (USD Million)

Table 171. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Application (2021-2026) & (USD Million)

Table 172. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Application (2027-2032) & (USD Million)

Table 173. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Country (2021-2026) & (USD Million)

Table 174. Middle East & Africa Big Data Analytics in Telecom Consumption Value by Country (2027-2032) & (USD Million)

Table 175. Global Key Players of Big Data Analytics in Telecom Upstream (Raw Materials)

Table 176. Global Big Data Analytics in Telecom Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Big Data Analytics in Telecom Picture

Figure 2. Global Big Data Analytics in Telecom Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Big Data Analytics in Telecom Consumption Value Market Share by Type in 2025

Figure 4. Cloud-based

Figure 5. On-premise

Figure 6. Global Big Data Analytics in Telecom Consumption Value by Concurrency, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Big Data Analytics in Telecom Consumption Value Market Share by Concurrency in 2025

Figure 8. Concurrency:

I would like to order

Product name: Global Big Data Analytics in Telecom Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GBF86306B273EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBF86306B273EN.html>