

The Asia-Pacific Big Data Analytics in Semiconductor & Electronics Market Reach USD 14.83 Billion by 2027

WILMINGTON, DE, UNITED STATES, November 7, 2024 /EINPresswire.com/ -- Allied Market Research published a new report, titled, " The <u>Asia-Pacific Big</u> <u>Data Analytics in Semiconductor &</u> <u>Electronics Market</u> Reach USD 14.83 Billion by 2027." The report offers an extensive analysis of key growth strategies, drivers, opportunities, key segment, Porter's Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain thorough understanding of the



Apac Big Data Analytics In Semiconductor & Electronics Market size

industry and determine steps to be taken to gain competitive advantage.

The Asia-Pacific big data analytics in semiconductor & electronics market size was valued at \$7,486.00 million in 2019, and is projected to reach \$14,839.00 million by 2027, growing at a CAGR of 9.2% from 2020 to 2027.

The Asia-Pacific big data analytics in semiconductor & electronics market is segmented into component, deployment model, end user, analytics tool, application, usage and region. In terms of component, the market is fragmented into software and services. On the basis of deployment mode, it is bifurcated into on-premise and cloud. Depending on end user, it is bifurcated into semiconductor and electronics. On the basis of analytics tool, it is categorized into dashboard & data visualization, data mining & warehousing, self-service tools, reporting, and others. By application, it is segregated into customer analytics, supply chain analytics, marketing analytics, pricing analytics, workforce analytics, and others. By usage, the market is segmented into sales & marketing, fault detection & classification, predictive maintenance, virtual meteorology, process

optimization, yield prediction, and others. By country, Asia-Pacific big data analytics in semiconductor & electronics industry is divided into China, India, Japan, South Korea, Taiwan, Singapore, Malaysia, the Philippines, Thailand, Vietnam, and rest of Asia-Pacific.

On the basis of deployment model, on-premise deployment model dominated the Asia-Pacific big data analytics in semiconductor & electronics market in 2019, and is expected to maintain its dominance in the upcoming years as this type of deployment mode is used to gather, display, and organize important business data using company's own IT infrastructure, which allows them to keep the data secure. For instance, in May 2019, Microsoft Corporation released new edition of its big data analytics solution, which is a Microsoft Power BI-embedded platform for on-premise deployment mode. This solution will help manufacturing companies as well as electronic manufacturers review huge data generated from various processing.

Region wise, the Asia-Pacific big data analytics in semiconductor & electronics market was dominated by China. However, Vietnam is expected to witness significant growth in the upcoming years.

Some of the key Asia-Pacific big data analytics in semiconductor & electronics industry players profiled in the report include Amazon Web Services, Cisco systems, Inc., Dell EMC, International Business Machines Corporation, KX Systems, Inc., Microsoft Corporation, SAP SE, SAS Institute Inc., Splunk Inc., and TIBCO Software Inc. This study includes market trends, Asia-Pacific big data analytics in semiconductor & electronics market analysis, and future estimations to determine the imminent investment pockets.

□ By component, in 2019, the solutions segment dominated the Asia-Pacific big data analytics in semiconductor & electronics market. However, the services segment is expected to exhibit significant growth during the forecast period.

Depending on deployment mode, on-premise based solutions generated the highest revenue of APM market in 2019. However, the cloud-based segment is expected to witness highest growth rate in the near future.

□ On the basis of end user, the electronics segment accounted for the highest revenue in 2019, however, the semiconductor segment is expected to witness highest growth rate in the forecasted period.

□ On the basis of analytical tools, the dashboard & data visualization tools accounted for the highest revenue in 2019, however, the self-service tools segment is expected to witness highest growth rate in the forecasted period.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing

high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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