AI-based Sensors Market Research Report Forecast to 2027 – Cumulative Impact of COVID-19.

The neural network, in the type segment, is forecasted to grow with a significant CAGR of 37.9% during the forecast period

AI-based Sensors Market

SURREY, BRITISH COLUMBIA, CANADA, September 23, 2021 / EINPresswire.com/ --
The global AI-based Sensors Market is expected to reach USD 152.55 Billion by 2027, according to a new report by Emergen Research. The demand for the market is mainly driven by the application of artificial intelligence in different sectors, such as entertainment, education, health, transport, and utilities.

Owing to rapid urbanization and digitalization globally, end-user sectors like manufacturing, consumer electronics, and automotive and transport have experienced growth and now rely on technology-driven systems for operating. AI-based sensors are being used across these industries as they help in automating processes, help in maintaining product quality, and help in producing more efficient products

AI-based Sensors Market Size – USD 11.76 billion in 2019, AI Sensors Market Growth - CAGR of 37.8%, Artificial Intelligence Sensors Market Trends –Advancement in technology.

Increased adoption of cloud and IoT platforms in end-use industries, rising need for IIoT in manufacturing design, and the advent of technologies like ML, AI, and cloud services will drive the demand.

Key participants include Augury Systems, Glassbeam, Siemens AG, PointGrab, Maana, Tellmeplus, Sentenai, Versos Systems, Tachyus, and United Technology, among others.

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Artificial intelligence for the analysis of sensors enables predictions and classifications by using sensor signals as compared to other physics-based models. This latest innovation can be witnessed in the application of medical diagnosis and predictive management.

The report covers key points of the market, including the standards, regulations, and policy changes applied by the government on the industry for the coming years. The report encompasses thorough research carried out by the application of advanced analytical tools such as SWOT analysis and Porter's Five Forces analysis to pinpoint the growth trends and patterns. Factors likely to influence the growth of the market, current trends, opportunities, restraining factors, and business landscape are discussed in-depth in the market study.

Type Outlook (Revenue, USD Billion; 2017-2027)
Case-based reasoning
Ambient-intelligence
Neural networks
Inductive learning
Others

Application Outlook (Revenue, USD Billion; 2017-2027)
Biosensor
Health Monitoring
Maintenance and Inspection
Human-computer interaction
Others

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Technology Outlook (Revenue, USD Billion; 2017-2027)
Natural Language ProcessingMachine Learning
Computer Vision
Context-aware Computing

There are 15 Chapters to deeply display the global AI-BASED SENSORS market.
The report is distributed over 15 Chapters to display the analysis of the global AI-BASED SENSORS market.

Chapter 1 covers the AI-BASED SENSORS Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2 talks about the top manufacturers and analyses their sales, revenue and pricing decisions for the duration 2016 and 2017;

Chapter 3 displays the competitive nature of the market by discussing the competition among the top manufacturers. It dissects the market using sales, revenue and market share data for 2016 and 2017;

Chapter 4, shows the global market by regions and the proportionate size of each market region based on sales, revenue and market share of AI-BASED SENSORS, for the period 2012- 2017;

Chapter 5, 6, 7, 8 and 9, are dedicated to the analysis of the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, talk about the application and types of AI-BASED SENSORS in the market using the same set of data for the period 2012-2017;

Chapter 12 provides the market forecast by regions, types and applications using sales and revenue data for the period 2017-2022;

Chapter 13, 14 and 15 describe the value chain by focusing on the sales channel and the distributors, traders, dealers of the AI-BASED SENSORS. The concluding chapter also includes research findings and conclusion.

AI-BASED SENSORS Market Regional Analysis Includes:
Asia-Pacific (Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia)
Europe (Turkey, Germany, Russia UK, Italy, France, etc.)
North America (the United States, Mexico, and Canada.)s
South America (Brazil etc.)
The Middle East and Africa (GCC Countries and Egypt.)

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