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2024 AI & IoT Technology Research Review

https://marketpublishers.com/r/284A66C056EEEN.html
Date: March 2025
Pages: 154
Price: US$ 4,650.00 (Single User License)
ID: 284A66C056EEEN

Abstracts

Research Review Scope

Artificial Intelligence (AI) and the Internet of Things (IoT) are revolutionizing industries by enhancing automation, optimizing operations, and improving efficiency. The global AI market is witnessing significant investment as businesses recognize its potential to drive innovation, streamline processes, and create new revenue opportunities. Particularly in the oil and gas sector, AI technologies are being integrated to optimize exploration, predictive maintenance, and resource management, helping companies improve operational efficiency and reduce costs. On the other hand, AI is also making a profound impact in life sciences, transforming drug discovery, patient monitoring, and healthcare analytics. In cancer research, AI-driven solutions are enhancing early detection, diagnosis, and personalized treatment plans, leading to better patient outcomes. Furthermore, integrating AI in clinical and molecular diagnostics is advancing precision medicine by enabling faster and more accurate disease detection.

The Industrial IoT (IIoT) market is expanding as businesses leverage connected devices and smart automation to optimize manufacturing, logistics, and supply chain operations. These advancements in AI and IoT are driving digital transformation across industries, enabling businesses to enhance decision-making, reduce costs, and maintain a competitive edge in the global market.

Research Reviews from BCC Research provide market professionals with concise market coverage within a specific research category. This 2024 Research Review of AI and IoT technology provides a sampling of the type of quantitative market information, analysis, and guidance that BCC Research has been developing since its inception in 1971 to help its customers make informed business decisions. This Research Review includes highlights and excerpts from the following reports published by BCC Research in 2023:

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IFT189C Global Artificial Intelligence (AI) Market: Investments vs Potential

IFT305A AI in Oil and Gas: Global Markets and Technologies

BIO255A Artificial Intelligence (AI) in Lifesciences Market

BIO196B Artificial Intelligence (AI) in Cancer

BIO261A AI in Clinical and Molecular Diagnostics Market

IFT299A Industrial IoT (IIoT): Global Markets

After you survey the excerpts in this Research Review, we encourage you to follow up on these topics by checking out the full market research reports associated with each topic. BCC Research looks forward to serving your market intelligence needs in the future.

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