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Asia-Pacific Machine Learning Chip Market (2016 - 2022)

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Abstracts

Machine learning chip is a kind of multiprocessor system which enables the machines to gain human-like intelligence without the need of explicit programming. With the human-like intelligence, the chips are endowed with features such as learning, reasoning, and self-correction. Additionally, machine learning algorithms also use the feedback data to identify the patterns in the new data and accordingly adjust program actions. The machine learning chips facilitate continuous development of computing through exposure to new scenarios, testing, and adaptation.

The machine learning chip market is would grow at a significant growth during the forecast period due to improved productivity and diversified application areas. Machine learning is a vital element in extracting meaningful data from the mammoth data inputs collected every day. Numerous industries, such as robotics, healthcare, automotive, and consumer electronics have explored the possibilities of the machine learning chip and implemented the technology to enable features such as learning, reasoning, and self-correction. Innovative chips for applications in healthcare and electronic appliances have been the focus of the major market players, to improve efficiency. Huge amount of complex data, growth in portable electronic market, and rapid growth in the adoption of Internet of Things (IoT) are the major factors that drive the Asia-Pacific machine learning chip market.

The Asia-Pacific machine learning chip market is segmented based on type, application, and country. Based on type, the market is segmented into GPU chip, neuromorphic chip, flash based chip, and FPGA chip. Based on the applications the market is segmented into consumer electronics, automotive, healthcare, robotics, and others. Based on country, Machine Learning Chip market is segmented into China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia-Pacific. China remained the

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dominant country in the Asia-Pacific Machine Learning Chip market in 2015. Japan and India would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Machine Learning Chip market. Key companies profiled in the report include Wave Computing, Graphcore Ltd., Google Inc, Intel Corporation, IBM Corporation, Nvidia Corporation, Qualcomm Inc., and Taiwan Semiconductor Manufacturing Company Ltd.

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