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Report on the Chinese Artificial Intelligence Industry 2019-2023

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Abstracts

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Artificial Intelligence is a branch of science that aims to simulate, extend and expand human intelligence and is considered a branch of computer science. One of the chief goals of AI research is to determine the true nature of intelligence and create a machine capable of simulating near-human levels of intelligence. AI includes voice recognition, image recognition, natural language processing and expert systems. AI today has evolved into the four main branches of machine learning, NLP, image processing and human computer interaction.

Some of the reasons behind the rise of AI include the invention of better sensors, cheaper computers and the large amounts of data. The need for improved computing capability is one of main internal reasons for AI development. Google, Microsoft, Alibaba, Baidu and Tencent have already indicated their interest in AI as a key area of development, with each company seeking to create their own AI ecosystems through M&A and open source projects. The Chinese AI industry is expected to receive a large boost through major developments in mobile networks and smart home appliances due to a stronger degree of integration. The Chinese AI market has been growing ever since 2015, and has been recorded at a scale of XX billion CNY, a XX% growth over the previous year.

Recent breakthroughs in AI have led to further industrialization and the formation of complete supply chains in certain segment markets. The industry still has its own share of problems however, which is why the Chinese government has chosen to create a comprehensive data to allow AI application across multiple fields. It has also taken steps to encourage AI studies in order to allow for a stronger labor force.

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The Chinese AI industry as a whole began much later than other countries but has already entered its growth phase judging from industry distribution and technological research. The industry is expected to expand even further as tech and manufacturing giants continue to increase their operations in AI related businesses and fields. The high number of AI startups will eventually lead to an increase in industry grade and consumer grade AI products. The market is expected to reach a total of XX billion CNY by 2024.

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