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Global AI Assisted Robots Market Size study, by End-User Industry (Automotive, Electrical & Electronics, Food & Beverages, Manufacturing, Agriculture, Construction, Military, Healthcare, Consumer, Logistics and Transformation, Packaging) and Regional Forecasts 2022-2028

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Abstracts

Global AI Assisted Robots Market is valued at approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. The term artificial intelligence (AI) refers to the use of a computer to model or replicate intelligent behaviour. Robots are outfitted with a variety of artificial intelligence programmes that assist in a variety of industrial and daily tasks, thereby reducing human effort. AI is used in nearly every industry, including automotive, electrical & electronics, food & beverage, manufacturing, agriculture, construction, military, healthcare, consumer, logistics & transportation, and packaging. Other factors that are expected to drive demand for AI assisted robots in the future include the emergence of Industry 4.0 and the increased use of various innovative technologies in the field of surgery. Another important factor that is expected to boost the market is an increase in the number of different surgical procedures due to the rising prevalence of chronic diseases. AI-assisted robots are expected to be widely used in a wide range of surgical systems due to their numerous advantages. These are capable of database consolidation and intraoperative video analysis. Another factor driving growth is the growing patient pool around the world, as well as the rising demand for minimally invasive surgical procedures. The rapid shift in focus of healthcare professionals away from traditional surgical procedures is also expected to boost growth. For example, Accuray incorporated launched a technologically advanced product, the Cyberknife S7 system, which is expected to strengthen its overall market position. Furthermore, rising

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deployment of AI Assisted Robots in developed countries, as well as increased investment in AI Robotic Industries, are expected to drive the overall growth of the AI Assisted Robots market. However, high installation costs, high unemployment rates in developing countries, and high maintenance costs may stymie market growth during the forecast period of 2022-2028.

The key regions considered for the Global AI Assisted Robots market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. Europe is the leading region across the world. Growing government initiatives towards people safety and executing firm regulations for the same are driving the market growth in Europe. Whereas, Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. The market is expected to grow during the projected period, due to rise in demand for the product by the end-users.

Major market players included in this report are:
ABB Robotics
Anki
Robotics Hanson Inc.
Blue Frog Robotics
Cloud Minds Pvt.
Mayfield Robotics
Nvidia Corporation
Promobot Llc
UBTech Robotics Ltd.
Argo AI Llc
The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By End-User Industry:
Automotive
Electrical & Electronics
Food & Beverages

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Manufacturing
Agriculture
Construction
Military
Healthcare
Consumer
Logistics and Transformation
Packaging

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

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Target Audience of the Global AI Assisted Robots Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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