

Growing at a CAGR of 32% The Global Gen AI Market Size Reach USD 126.5 Billion by 2031

Advancements in deep learning and desire to provide users & consumers with more personalized, engaging, relevant content and experiences driving gen AI market.

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EINPresswire.com/ -- Allied Market
Research published a new report,
titled, " Growing at a CAGR of 32% The
[Global Gen AI Market Size](#) Reach USD
126.5 Billion by 2031." The report

offers an extensive analysis of key
growth strategies, drivers, opportunities, key segment, Porter's Five Forces analysis, and
competitive landscape. This study is a helpful source of information for market players,
investors, VPs, stakeholders, and new entrants to gain thorough understanding of the industry
and determine steps to be taken to gain competitive advantage.

The global generative ai market size was valued at USD 8.2 billion in 2021, and is projected to
reach USD 126.5 billion by 2031, growing at a CAGR of 32% from 2022 to 2031.

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Advancements in deep learning, along with growth in personalization and customization needs
are the two main growth drivers of the market. On the contrary, privacy and ethical concerns
associated with artificial intelligence and high computational complexity might create hurdles in
the full-fledged growth of the market. Nonetheless, the integration of generative AI in end-use
industries is anticipated to offer lucrative growth opportunities in the coming period.

The global generative AI market is segmented into component, technology, end user, and region.
Depending on the component, the market is divided into software and services. By technology, it
is divided into generative adversarial networks (GANs), transformers, variational auto-encoders,



and diffusion networks. Based on application, it is bifurcated into media & entertainment, BFSI, IT & telecom, healthcare, automotive & transformation, and others. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

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Based on end user, the media and entertainment segment grabbed the highest share of one-third of the overall generative AI market in 2021 and is expected to dominate the market during the forecast period. This is owing to the surge in the use of generative AI to create realistic virtual & augmented reality experiences. The BFSI segment, on the other hand, is projected to witness the fastest CAGR of 35.7% from 2022 to 2031. This is owing to the surge in the use of generative AI to provide personalized financial advice to customers.

Based on component, the software segment contributed to the largest share of more than two-thirds of the global generative AI market in 2021 and is expected to maintain its dominance during the forecast period. This is owing to the integration of techniques from machine learning, such as deep learning and neural networks to learn the patterns and characteristics of the training data and then generate new and similar data. The services segment, however, is projected to witness the fastest CAGR of 33.3% from 2022 to 2031.

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Based on region, the market in North America was the largest in 2021, accounting for two-fifths of the global generative AI market and is likely to maintain its dominance during the forecast timeframe. This is owing to the growth in the adoption of generative AI to train robots & autonomous systems to learn from their environment and adapt to new situations. However, the market in Asia-Pacific is likely to show the fastest CAGR of 34.4% during the forecast period.

The global generative AI market is dominated by key players such as Adobe, Inc., Amazon Web Services, Inc., D-ID, Genie AI Ltd., Google LLC, IBM Corporation, Microsoft Corporation, MOSTLY AI Inc., Rephrase.ai, and Synthesia.

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Covid-19 Scenario:

□ The outbreak of the COVID-19 pandemic had a positive impact on the generative AI market.

□ This is due to the rise in the need for generative AI among enterprises for improving their customers' needs and creating personalized experiences, such as personalized music playlists, personalized news feeds, and personalized product recommendations driving the growth of the

market.

□ A new funding was announced by the Chinese government to support innovations arising from the COVID-19 outbreak. In January 2023, tech companies in China took efforts to develop their own AI universe. Local Chinese governments are also investing in several projects on their own through IDEA, a research lab owned and backed by the Chinese Communist Party.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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