

AI in Banking Market Projected to Surge to \$64.03 Billion by 2030 with Remarkable 32.6% CAGR

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NEW CASTLE, DE, UNITED STATES, November 10, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[AI in Banking Market](#) by Component (Solution and Service), Enterprise Size (Large Enterprise and SMEs), Applications (Risk Management Compliance & Security, Customer Service, Back Office/Operations, Financial Advisory and Others) and Technology (Machine Learning & Deep Learning, Natural Language Processing (NLP), Computer Vision and Others): Global Opportunity Analysis and Industry Forecast, 2021-2030." According to the report published by Allied Market Research, the global AI in banking market was estimated at \$3.88 billion in 2020 and is expected to hit \$64.03 billion by 2030, registering a CAGR of 32.6% from 2021 to 2030.

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Artificial intelligence in banks is helping the financial industry to [streamline and optimize processes](#) ranging from credit decisions to quantitative trading and financial risk management. In addition, it provides solutions to process automation to replace routine manual work in most cases. Furthermore, the key factor that drives the market includes improvement in data collection technology among the banks and financial institutions positively impacts the AI in banking market growth. In addition, increase in investment by banks in AI and rise in customer preferences for personalized financial services boost the growth of the market across the globe. However, factors such as higher deployment cost of AI and lack of skilled labor are limiting the growth of the market. On the contrary, surge in adoption of modern applications in banks is expected to offer remunerative opportunities for the expansion of the market during the forecast period.

Drivers, restraints, and opportunities-

Rise in investment by banking companies in AI and machine learning, surge in preference for personalized financial services, and increase in collaboration between financial institutes and AI & machine learning solution companies drive the growth of the global AI in banking market. On

the other hand, higher deployment cost of AI and machine learning and lack of skilled labor restrain the growth to some extent. However, upsurge in government initiatives and growing investments to leverage the AI technology are expected to create lucrative opportunities in the industry.

COVID-19 scenario-

The outbreak of COVID-19 is anticipated to have a positive impact on growth of AI in banking market. This is attributed to rise in demand for anti-money laundering (AML) and fraud detection solutions during the pandemic situation.

At the same time, with the significant rise in digitization among both the financial institutes and end users, the demand for AI technology has been increased so as to reduce the load on the banking servers, thereby easing up transaction delays throughout this unprecedented time. The Customer Relationship Management (CRM) segment to retain the lion's share-

On the basis of solution type, the Customer Relationship Management (CRM) segment held the major share in 2020, garnering nearly one-fifth of the global AI in banking market. The same segment is also projected to cite the fastest CAGR of 34.0% throughout the forecast period. Growing need for CRM solution to gain deeper insights into customer's habits and personal preferences drives the segment growth.

For more information on this report, visit: <https://www.alliedmarketresearch.com/purchase-enquiry/12236>

The machine learning & deep learning segment to dominate by 2030-

On the basis of technology, the machine learning & [deep learning segment contributed](#) to the lion's share in 2020, holding around one-third of the global AI in banking market share. However, the same segment is also expected to cite the fastest CAGR of 33.5% from 2021 to 2030. This is attributed to increase in adoption of machine learning among banking institutes to support artificial intelligence software developed by various companies to improve their bias decisions while doing critical jobs.

North America held the major share in 2020-

By region, the market across North America dominated in 2020, garnering more than two-fifths of the global AI in banking market, owing to increase in demand for advanced analytics in this province. Simultaneously, the Asia-Pacific region is expected to cite the fastest CAGR of 34.3% throughout the forecast period. This is due to increase in investment by banks across China, Japan, and India for analyzing loan sanction patterns.

For more information on this report, visit: <https://www.alliedmarketresearch.com/request-for-customization/12236?reqfor=covid>

Key players in the industry-

BigML, Inc.

Cisco Systems, Inc.

Fair Isaac Corporation

SAP SE

Hewlett Packard Enterprise Development LP

SAS Institute Inc.

International Business Machines Corporation

Amazon Web Services Inc.

Microsoft Corporation

RapidMiner, Inc.

Key Market Segments

Component

Solution

Chatbot

Customer Behavior Analytics

Customer Relationship Management (CRM)

Data Analytics and Visualization

Fraud Detection

Others

Service

By Enterprise Size

Large Enterprise

SMEs

By Application

Risk Management Compliance & Security

Customer Service

Back Office/Operations

Financial Advisory

Others

By Technology

Machine Learning & Deep Learning

Natural Language Processing (NLP)

Computer Vision

Others

By Region

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Netherlands

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

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We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Allied Market Research CEO Pawan Kumar is instrumental in inspiring and encouraging everyone associated with the company to maintain high quality data and help clients in every way possible to achieve success. Each data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of the domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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