

Global AI In Aviation Market Size Study and Forecast by Component (Software, Hardware, Services), Deployment Mode (On-Premise, Cloud-Based, Hybrid), Technology, Application, End Use, and Regional Forecasts 2026-2036

<https://marketpublishers.com/r/G345B5BFACCAEN.html>

Date: June 2026

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G345B5BFACCAEN

Abstracts

Global AI In Aviation Market Definition and Scope

The Global AI In Aviation Market was valued at USD 7.90 billion in 2025 and is projected to reach USD 54.44 billion by 2036 at a CAGR of 18.2 % during the forecast period. Artificial intelligence has moved from experimental aviation projects to mission critical operational infrastructure. Airlines are increasingly using intelligent algorithms to optimise fleet utilisation, fuel consumption, predict maintenance events and enhance passenger engagement. Airports are using AI systems to manage congestion, automate security processes and improve terminal efficiency. Aircraft manufacturers embed AI capabilities into aircraft design, production workflows and digital twin environments.

The aviation industry has undergone a thorough digital transformation in the last decade. The growing air traffic volume has led to a higher pressure on operators to increase operational reliability under the restriction of cost discipline. AI technologies have become a strategic lever to cope with these challenges. State-of-the-art machine learning models are already used to support decision-making processes in flight planning, predictive maintenance, crew scheduling, and air traffic management. According to the International Air Transport Association (IATA), global passenger traffic is now above pre-pandemic levels as of 2024 reports, and there is a new need for intelligent operational systems. As the aviation ecosystem is increasingly becoming data-driven, stakeholders are adopting AI as a productivity multiplier that will deliver tangible economic benefits across the entire aviation value chain.

The AI in aviation market comprises software platforms, hardware infrastructure, intelligent analytics engines, machine learning frameworks, natural language processing solutions, computer vision technologies and predictive systems that are developed for aviation applications. The market serves the needs of airlines, airports, aircraft manufacturers, maintenance organizations and air navigation service providers.

Global AI In Aviation Market: Key Highlights

The Global AI in Aviation Market was valued at USD 7.90 billion in 2025, primarily driven by accelerating AI integration across aviation operational decision-making systems.

The market is projected to reach USD 45.44 billion by 2036, growing at a CAGR of 18.2% during 2026–2036, propelled by expanding autonomous aviation technologies.

North America leads the market, supported by its mature aviation ecosystem, advanced digital infrastructure, and early adoption of artificial intelligence solutions.

Asia Pacific represents the fastest-growing regional market, propelled by expanding aviation infrastructure, rising air passenger traffic, and substantial government-backed digital transformation initiatives.

The software segment dominates the market because of its central role in enabling predictive analytics, automation, optimization, and intelligent aviation decision support.

Flight operations represent the leading application segment, owing to AI-driven optimization of route planning, fuel efficiency, scheduling, and real-time operational performance.

AI and machine learning technologies lead the market because they enable continuous data-driven optimization, predictive intelligence, and scalable automation across aviation operations.

Airlines constitute the leading end-user segment, supported by continuous investments in operational efficiency, passenger experience enhancement, and

fleet performance optimization through AI.

Research Scope and Methodology

The report examines the global aviation AI market by component types (software, hardware and services), deployment models, technology platforms, application areas, end users and regional markets. The analysis covers software vendors, hardware vendors, cloud infrastructure vendors, aviation technology developers, airlines, airports, aircraft manufacturers and maintenance organizations. The analysis covers commercial aviation, airport operations, aircraft manufacturing, maintenance ecosystems and air traffic management environments. Market dynamics, investment trends, technology adoption patterns, competitive positioning, regulatory developments and emerging commercialization opportunities constitute the core scope of this research.

The research methodology is based on primary interviews, secondary intelligence collection, industry benchmarking and quantitative market modeling. Analyst inputs included financial statements, regulatory filings, aviation industry databases, company annual reports, technology deployment announcements and procurement trends. Key discussion participants included airline executives, airport technology managers, aircraft manufacturers, maintenance specialists, software vendors and infrastructure providers. Demand side analysis included adoption patterns, operational requirements, investment priorities and technology readiness levels. Supply side analysis included product innovation, ecosystem partnerships, commercialization strategies and competitive developments. Market forecasts incorporated macroeconomic indicators, aviation traffic projections, digital transformation investments, fleet expansion plans, regulatory developments and technology adoption trajectories. Data triangulation methods validated market estimates across multiple industry sources to ensure analytical consistency and commercial relevance.

Key Market Segments

By Component:

Software

Hardware

Services

By Deployment Mode:

On-Premise

Cloud-Based

Hybrid

By Technology:

Machine Learning

Natural Language Processing

Computer Vision

Predictive Analytics

Others

By Application:

Flight Operations

Smart Maintenance

Passenger Experience & Customer Service

Air Traffic Management

Others

By End Use:

Airlines

Airports

Aircraft Manufacturers (OEMs)

MRO Providers

Others

Key Market Players

IBM Corporation

Microsoft Corporation.

Google Cloud (Google LLC)

Amazon Web Services (AWS)

Honeywell International Inc.

RTX Corporation (Collins Aerospace)

Airbus SE

The Boeing Company

Thales Group

SITA

Industry Trends

The adoption of artificial intelligence has become a strategic priority across the aviation ecosystems. Airlines are increasingly deploying AI-enabled operational control systems to improve network performance and reduce operational

disruptions. Intelligent decision support platforms now influence route planning, crew allocation, fuel optimization, and turnaround management.

Predictive maintenance represents one of the most commercially mature use cases. Aircraft operators generate enormous volumes of sensor data through connected aircraft systems. AI algorithms convert these datasets into maintenance intelligence, enabling operators to pre-empt possible failures before an operational disruption occurs. This paradigm shift lowers maintenance costs and improves fleet availability.

Cloud migration continues to gain traction across aviation technology environments. Legacy infrastructure limitations have driven operators to embrace scalable cloud architectures capable of supporting advanced analytics workloads. Cloud deployment enhances accessibility, computational scalability and integration flexibility.

The use of computer vision is picking up speed in airports. More airports are using smart video analytics for passenger flow, perimeter security, baggage handling and operations monitoring. These solutions improve situational awareness and reduce manual labor needs.

Generative AI use cases are starting to impact customer engagement strategies. Airlines are rolling out more conversational agents that can handle booking questions, flight status, disruption management and multilingual support. The commercial momentum of customer service automation continues to grow as passenger expectations change.

Another important trend is the modernization of regulations. Aviation authorities are increasingly developing frameworks governing AI deployment, algorithm transparency, operational accountability and safety validation. These initiatives promote responsible adoption while reducing uncertainty among industry participants.

Digital twin technologies are continuing to expand in aircraft manufacturing operations. OEMs are turning to AI-integrated simulation environments to improve design validation, manufacturing optimization and lifecycle management processes. These technologies reduce development cycles and support production efficiency goals.

The development of collaborative ecosystems is becoming increasingly important. Technology providers, airlines, airports, OEMs and maintenance organizations are actively seeking collaborations to accelerate the commercial deployment of AI. Co-innovation initiatives help to validate technology and minimize deployment risks.

Sustainability objectives accelerate adoption of AI Airlines are under mounting pressure to reduce fuel consumption and emissions intensity. AI enabled optimization systems support sustainability objectives by enabling more efficient operational planning and resource utilization.

Investment activity is increasingly being directed toward platforms that are able to deliver quantifiable operational results. Market participants are focusing on technologies that increase efficiency, improve safety oversight, reduce costs and underpin scalable digital transformation strategies. This investment focus is expected to sustain robust market expansion throughout the forecast period.

Market Determinants

Growing Need for Operational Efficiency: Airlines face persistent pressure to improve profitability amid volatile fuel costs and operational complexity. AI technologies support data driven optimization across scheduling, routing, maintenance, and resource allocation functions. Operational efficiency gains create direct financial benefits.

Rising Aircraft Connectivity: Modern aircraft generate substantial operational data. Connected aviation infrastructure enables real time monitoring and analytics deployment. Increased data availability strengthens AI model performance and commercial viability.

Expansion of Predictive Maintenance Programs: Maintenance organizations increasingly prioritize predictive maintenance capabilities. AI reduces unplanned downtime and improves asset utilization. The resulting cost savings support accelerated technology adoption across fleets.

Airport Digital Transformation Investments: Airports continue investing in automation and intelligent infrastructure. Passenger growth requires scalable operational management systems. AI technologies address congestion, security,

and resource management challenges effectively.

Regulatory Complexity: Aviation remains one of the most heavily regulated industries. AI deployment requires rigorous validation, certification, and safety assurance processes. Compliance requirements can extend commercialization timelines and increase implementation costs.

Cybersecurity and Data Governance Concerns: AI systems depend on extensive data integration. Cybersecurity risks and data governance requirements remain significant challenges. Organizations must invest in secure digital infrastructure to support large scale deployment.

Opportunity Mapping Based on Market Trends

AI Driven Sustainable Aviation Programs: Airlines increasingly pursue emissions reduction strategies. AI powered fuel optimization and flight planning systems create substantial opportunities for technology providers focused on sustainability outcomes.

Smart Airport Ecosystem Development: Airport modernization programs continue expanding globally. Intelligent passenger processing, security automation, and operational analytics platforms offer attractive long term investment opportunities.

Cloud Native Aviation Intelligence Platforms: Cloud adoption trends create opportunities for scalable AI service providers. Flexible deployment models improve accessibility for mid sized airlines and airports.

Emerging Market Aviation Digitization: Developing aviation markets increasingly invest in digital infrastructure. Regional carriers and airports represent significant untapped demand for AI enabled operational solutions.

Value-Creating Segments and Growth Pockets

Software dominates the component segment through scalable AI deployment across aviation operations.

Based on component, the market is segmented into Software, Hardware and Services. Software holds a dominant share of the market estimated at 57.6% in 2025. The current leadership is due to the broad deployment of software-based solutions in flight operations, predictive maintenance, passenger engagement and airport analytics applications. Software solutions are faster to scale than hardware investments. Airlines invest in analytics platforms to deliver tangible operational advantages. Cloud integration capabilities also boost software adoption. The presence of established vendor ecosystems also contributes to better implementation efficiency. Services are anticipated to grow at the highest CAGR of 19.8% between 2026 and 2036. Increasing implementation complexity, customization needs, demand for integration services, and ongoing model optimization requirements drive future growth. Investment momentum is increasingly favoring managed AI services and consulting support.

Cloud-based deployment leads the market through scalable infrastructure and advanced analytics capabilities.

Market by Deployment Mode The market is segmented into On-Premise, Cloud-Based, and Hybrid. Cloud-Based is the leading segment and is expected to hold an estimated 48.3% share in 2025. Leadership is driven by scalability benefits, lower infrastructure needs, remote accessibility, and faster deployment cycles. Airlines are increasingly adopting cloud environments for supporting advanced analytics and data processing needs. Hybrid is projected to register the fastest CAGR of 18.9% during 2026-2036. Growth is supported by regulatory considerations, cybersecurity needs, and operational flexibility. Organizations are increasingly looking for balanced architectures that combine cloud scalability with localized control.

Machine learning leads the technology segment through broad operational intelligence and predictive optimization capabilities.

Technology types are Machine Learning, Natural Language Processing, Computer Vision, Predictive Analytics and Others. Machine Learning is currently the most dominant with an estimated CAGR of 42.7% by 2025. The dominance is due to a wide range of applications such as predictive maintenance, route optimization, operational forecasting and fuel management. The technology maturity and proven ROI are driving adoption. Computer Vision is expected to witness the highest CAGR of 22.4% from 2026 to 2036. Investments in airport automation, security upgrades, baggage monitoring systems and intelligent surveillance deployments are boosting growth momentum.

Flight operations dominate the application segment through AI-enabled operational efficiency and resource optimization.

Based on Application, the market is classified into Flight Operations, Smart Maintenance, Passenger Experience & Customer Service, Air Traffic Management, and Others. Currently, the Flight Operations segment is the leading segment of the market with an estimated share of 46.2% in 2025. Operational optimization remains the most powerful commercial use of AI. Airlines are emphasizing scheduling efficiency, route planning, fuel management and disruption mitigation capabilities. The Smart Maintenance segment is predicted to have the highest CAGR of 21.1% during 2026-2036. The future growth is being driven by predictive maintenance adoption, connected aircraft infrastructure, maintenance cost reduction objectives and fleet reliability requirements.

Airlines lead the end-use segment through extensive digital transformation and operational optimization investments.

By End Use, the market is segmented into Airlines, Airports, Aircraft Manufacturers (OEMs), MRO Providers, and Others. Airlines are anticipated to hold the largest market share, estimated to be 51.4% by 2025. The dominance of Airlines is attributed to the extensive operational complexities, large volumes of data, focus on fuel optimization, and the need to meet customer experience demands. Airlines are continuously investing heavily in digital transformation.

MRO Providers are expected to see the highest CAGR of 20.6% from 2026 to 2036. The accelerated growth is driven by investments in predictive maintenance, growing fleet sizes, the adoption of digital maintenance workflows, and the demand for improved operational reliability.

Regional Market Assessment

North America maintains market leadership through advanced aviation infrastructure and early AI commercialization.

North America is anticipated to hold the largest share of the global AI in aviation market with a market share of 38.9% by 2025. North America's dominance is due to the presence of a strong aviation infrastructure, robust technology ecosystem, high investments in digital transformation, and early adoption of AI in commercialization. North America has large airlines, aircraft manufacturers, software developers, and cloud

service providers. As per the Federal Aviation Administration, the U.S. aviation activity in 2024 continues to expand in commercial and cargo operations. Regulatory bodies continue to assess frameworks for AI integration, while closely monitoring safety oversight benchmarks. Airlines are ramping up investment in predictive maintenance, operational optimization and customer engagement technology. Airports are further rolling out automation platforms and intelligent analytics systems. Venture capital activity remains vigorous across segments of aviation technology. All these factors together support continued market leadership through the forecast period.

Europe strengthens AI adoption through sustainability initiatives and regulatory-driven aviation innovation.

Europe dominates the global AI in aviation market with a substantial market share, thanks to robust regulatory frameworks, sustainability initiatives, and technological innovation capabilities. Regional airlines are leveraging AI to boost operational efficiency. Airports in major European countries are deploying intelligent passenger management systems and automated operational platforms. Aircraft manufacturers play a pivotal role in broadening AI adoption across production and engineering processes. Sustainability targets are fueling the adoption of fuel optimization technologies and predictive analytics platforms. Research institutions and aviation technology developers support maintaining the innovation momentum. Government-backed digitalization programmes support market expansion. Cross-border aviation networks support the demand for sophisticated operational coordination tools. The regional outlook remains favourable as aviation stakeholders continue to pursue efficiency, safety and sustainability objectives.

Asia Pacific drives the fastest market growth through aviation expansion and smart infrastructure investments.

The Asia Pacific region is expected to see the highest CAGR of 20.8% during 2026-2036. The rapid growth is propelled by the increase in passenger traffic, development of airport infrastructure, fleet modernization programs, and increasing investments in aviation. International Civil Aviation Organization reports of 2024 suggest that many economies of the Asia Pacific are still witnessing strong growth in aviation demand. Governments are heavily investing in smart airports and digital infrastructure development. Airlines are rapidly adopting AI technologies to manage the increasing operational complexity and improve the quality of services. Rapid urbanization and growing middle class populations drive long-term demand for air travel. Aircraft procurement activity remains strong across emerging economies. Technology providers

are increasingly focusing on regional opportunities through strategic partnerships and localized solutions. Asia Pacific is the most dynamic regional growth market. Structural factors are in place to support a positive outlook for the region.

LAMEA advances AI adoption through aviation modernization and expanding digital transformation initiatives.

Growth in the LAMEA market is being driven by aviation modernization, infrastructure investments and increasing digital transformation activity. Middle Eastern economies continue to wield disproportionate influence through large-scale airport development projects and aviation diversification initiatives. Airlines across the Gulf region are deploying advanced operational technologies at an increasing rate to remain competitive globally. Latin American aviation markets are ramping up AI adoption through operational efficiency programs and modernization initiatives. African aviation ecosystems continue to advance digital capabilities supported by infrastructure investments and regulatory reforms. Strategic alliances with global technology providers to facilitate knowledge transfer and deployment readiness. Governments' increased awareness of the economic importance of aviation modernization. Uneven commercial uptake between countries, but long-term growth prospects continually improving as aviation ecosystems mature.

Recent Developments

January 2025: Honeywell announced expanded AI-enabled predictive maintenance solutions for commercial aviation operators. The development strengthens the company's position in aircraft health monitoring and reflects growing demand for operational reliability optimization.

September 2024: Lufthansa Group partnered with technology providers to advance generative AI deployment across customer service operations. The initiative enhances passenger engagement capabilities and reflects broader market trends toward intelligent service automation.

June 2024: Airbus expanded AI-powered digital twin capabilities across aircraft development programs. The investment strengthens engineering efficiency and supports wider adoption of data-driven manufacturing processes.

March 2024: Collins Aerospace launched enhanced AI-based operational analytics solutions for airlines and airports. The development improves decision

support capabilities and reflects increasing demand for real time operational intelligence.

Critical Business Questions Addressed

How large is the AI in aviation market opportunity through 2036?

The report evaluates market expansion potential across technologies, applications, deployment models, and regional ecosystems.

Which segments will create the highest commercial value?

The study identifies dominant segments, emerging growth pockets, and investment priorities across the aviation value chain.

What factors will accelerate AI adoption across aviation operations?

The report examines operational efficiency requirements, digital transformation investments, regulatory developments, and technological advancements.

How will competitive positioning evolve during the forecast period?

The analysis evaluates vendor strategies, ecosystem partnerships, commercialization models, and innovation pathways.

Which regions offer the strongest investment potential?

The report assesses regional demand patterns, infrastructure readiness, policy environments, and long-term growth prospects.

Beyond the Forecast

AI adoption will increasingly shift from isolated operational applications toward integrated aviation intelligence ecosystems.

Competitive advantage will depend on data quality, deployment scalability, ecosystem partnerships, and measurable operational outcomes.

Organizations that align AI investments with safety, efficiency, sustainability, and customer experience objectives will capture the greatest long-term value creation potential.

Contents

CHAPTER 1. GLOBAL AI IN AVIATION MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Market Definition
- 1.2. Market Segmentation
- 1.3. Research Assumption
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
- 1.4. Research Objective
- 1.5. Research Methodology
 - 1.5.1. Forecast Model
 - 1.5.2. Desk Research
 - 1.5.3. Top Down and Bottom-Up Approach
- 1.6. Research Attributes
- 1.7. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Strategic Insights
- 2.3. Top Findings
- 2.4. CEO/CXO Standpoint
- 2.5. ESG Analysis

CHAPTER 3. GLOBAL AI IN AVIATION MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping The Global AI In Aviation Market (2025-2036)
- 3.2. Drivers
 - 3.2.1. Growing Demand for Predictive Maintenance and Fleet Optimization
 - 3.2.2. Rising Air Passenger Traffic and Operational Complexity
 - 3.2.3. Expansion of Smart Airport Initiatives
 - 3.2.4. Strong Focus on Fuel Efficiency and Sustainability
- 3.3. Restraints
 - 3.3.1. High Implementation and Integration Costs
 - 3.3.2. Data Security, Privacy, and Regulatory Compliance Challenges
- 3.4. Opportunities
 - 3.4.1. Emergence of Generative AI for Passenger Experience Enhancement

3.4.2. Increasing Adoption of AI in Air Traffic Management Systems

CHAPTER 4. GLOBAL AI IN AVIATION INDUSTRY ANALYSIS

- 4.1. Porter's 5 Forces Model
- 4.2. Porter's 5 Force Forecast Model (2025-2036)
- 4.3. PESTEL Analysis
- 4.4. Macroeconomic Industry Trends
 - 4.4.1. Parent Market Trends
 - 4.4.2. GDP Trends & Forecasts
- 4.5. Value Chain Analysis
- 4.6. Top Investment Trends & Forecasts
- 4.7. Top Winning Strategies (2025)
- 4.8. Market Share Analysis (2025)
- 4.9. Pricing Analysis
- 4.10. Investment & Funding Scenario
- 4.11. Impact of Geopolitical & Trade Policy Volatility on the Market

CHAPTER 5. AI ADOPTION TRENDS AND MARKET INFLUENCE

- 5.1. AI Readiness Index
- 5.2. Key Emerging Technologies
- 5.3. Patent Analysis
- 5.4. Top Case Studies

CHAPTER 6. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY COMPONENT 2025-2036

- 6.1. Market Overview
- 6.2. Global AI In Aviation Market Performance - Potential Analysis (2025)
- 6.3. Software
 - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 6.3.2. Market size analysis, by region, 2025-2036
- 6.4. Hardware
 - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 6.4.2. Market size analysis, by region, 2025-2036
- 6.5. Services
 - 6.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 6.5.2. Market size analysis, by region, 2025-2036

CHAPTER 7. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY DEPLOYMENT MODE 2025-2036

- 7.1. Market Overview
- 7.2. Global AI In Aviation Market Performance - Potential Analysis (2025)
- 7.3. On-Premise
 - 7.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 7.3.2. Market size analysis, by region, 2025-2036
- 7.4. Cloud-Based
 - 7.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 7.4.2. Market size analysis, by region, 2025-2036
- 7.5. Hybrid
 - 7.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 7.5.2. Market size analysis, by region, 2025-2036

CHAPTER 8. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY TECHNOLOGY 2025-2036

- 8.1. Market Overview
- 8.2. Global AI In Aviation Market Performance - Potential Analysis (2025)
- 8.3. Machine Learning
 - 8.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 8.3.2. Market size analysis, by region, 2025-2036
- 8.4. Natural Language Processing
 - 8.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 8.4.2. Market size analysis, by region, 2025-2036
- 8.5. Computer Vision
 - 8.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 8.5.2. Market size analysis, by region, 2025-2036
- 8.6. Predictive Analytics
 - 8.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 8.6.2. Market size analysis, by region, 2025-2036
- 8.7. Others
 - 8.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 8.7.2. Market size analysis, by region, 2025-2036

CHAPTER 9. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY APPLICATION 2025-2036

- 9.1. Market Overview
- 9.2. Global AI In Aviation Market Performance - Potential Analysis (2025)
- 9.3. Flight Operations
 - 9.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 9.3.2. Market size analysis, by region, 2025-2036
- 9.4. Smart Maintenance
 - 9.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 9.4.2. Market size analysis, by region, 2025-2036
- 9.5. Passenger Experience & Customer Service
 - 9.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 9.5.2. Market size analysis, by region, 2025-2036
- 9.6. Air Traffic Management
 - 9.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 9.6.2. Market size analysis, by region, 2025-2036
- 9.7. Others
 - 9.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 9.7.2. Market size analysis, by region, 2025-2036

CHAPTER 10. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY END USE 2025-2036

- 10.1. Market Overview
- 10.2. Global AI In Aviation Market Performance - Potential Analysis (2025)
- 10.3. Airlines
 - 10.3.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.3.2. Market size analysis, by region, 2025-2036
- 10.4. Airports
 - 10.4.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.4.2. Market size analysis, by region, 2025-2036
- 10.5. Aircraft Manufacturers (OEMs)
 - 10.5.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.5.2. Market size analysis, by region, 2025-2036
- 10.6. MRO Providers
 - 10.6.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.6.2. Market size analysis, by region, 2025-2036
- 10.7. Others
 - 10.7.1. Top Countries Breakdown Estimates & Forecasts, 2025-2036
 - 10.7.2. Market size analysis, by region, 2025-2036

CHAPTER 11. GLOBAL AI IN AVIATION MARKET SIZE & FORECASTS BY REGION 2025-2036

- 11.1. Growth AI In Aviation Market, Regional Market Snapshot
- 11.2. Top Leading & Emerging Countries
- 11.3. North America AI In Aviation Market
 - 11.3.1. U.S. AI In Aviation Market
 - 11.3.1.1. Component breakdown size & forecasts, 2025-2036
 - 11.3.1.2. Deployment Mode breakdown size & forecasts, 2025-2036
 - 11.3.1.3. Technology breakdown size & forecasts, 2025-2036
 - 11.3.1.4. Application breakdown size & forecasts, 2025-2036
 - 11.3.1.5. End Use breakdown size & forecasts, 2025-2036
 - 11.3.2. Canada AI In Aviation Market
- 11.4. Europe AI In Aviation Market
 - 11.4.1. UK AI In Aviation Market
 - 11.4.2. Germany AI In Aviation Market
 - 11.4.3. France AI In Aviation Market
 - 11.4.4. Spain AI In Aviation Market
 - 11.4.5. Italy AI In Aviation Market
 - 11.4.6. Rest of Europe AI In Aviation Market
- 11.5. Asia Pacific AI In Aviation Market
 - 11.5.1. China AI In Aviation Market
 - 11.5.2. India AI In Aviation Market
 - 11.5.3. Japan AI In Aviation Market
 - 11.5.4. Australia AI In Aviation Market
 - 11.5.5. South Korea AI In Aviation Market
 - 11.5.6. Rest of APAC AI In Aviation Market
- 11.6. Latin America AI In Aviation Market
 - 11.6.1. Brazil AI In Aviation Market
 - 11.6.2. Mexico AI In Aviation Market
- 11.7. Middle East and Africa AI In Aviation Market
 - 11.7.1. UAE AI In Aviation Market
 - 11.7.2. Saudi Arabia (KSA) AI In Aviation Market
 - 11.7.3. South Africa AI In Aviation Market

CHAPTER 12. COMPETITIVE INTELLIGENCE

- 12.1. Top Market Strategies

12.2. IBM Corporation

12.2.1. Company Overview

12.2.2. Key Executives

12.2.3. Company Snapshot

12.2.4. Financial Performance (Subject to Data Availability)

12.2.5. Product/Services Port

12.2.6. Recent Development

12.2.7. Market Strategies

12.2.8. SWOT Analysis

12.3. Microsoft Corporation.

12.4. Google Cloud (Google LLC)

12.5. Amazon Web Services (AWS)

12.6. Honeywell International Inc.

12.7. RTX Corporation (Collins Aerospace)

12.8. Airbus SE

12.9. The Boeing Company

12.10. Thales Group

12.11. SITA

I would like to order

Product name: Global AI In Aviation Market Size Study and Forecast by Component (Software, Hardware, Services), Deployment Mode (On-Premise, Cloud-Based, Hybrid), Technology, Application, End Use, and Regional Forecasts 2026-2036

Product link: <https://marketpublishers.com/r/G345B5BFACCAEN.html>

Price: US\$ 3,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G345B5BFACCAEN.html>