

Aviation Analytics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Report description:

Market Overview:

The global aviation analytics market size reached US\$ 3.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.9 Billion by 2028, exhibiting a growth rate (CAGR) of 10.3% during 2023-2028.

Aviation analytics is the computational technology that provides data statistics and information on operation activities, weather forecast data and real-time flight data. It examines the vast amount of data generated and analyzes the data pattern. It is widely used for inventory, flight risk, fuel, revenue management and customer analytics. Aviation analytics involves the use of various tools, such as data monitoring and descriptive statistics, to analyze, optimize and supervise information. It assists in enhancing performance, efficiency, accessibility, maintenance, customer satisfaction, and risk management, while improving operational planning and execution. As a result, aviation analytics is widely used to provide useful information to airports, airlines and aviation stakeholders and various business verticals, such as sales and marketing, finance, maintenance and repair.

Aviation Analytics Market Trends:

The significant growth in the aviation industry across the globe is one of the key factors creating a positive outlook for the market. Aviation analytics is widely used to manage real-time data, including navigation databases, connectivity flight operational activities, and aircraft maintenance. In line with this, the widespread product adoption due to the increasing passenger traffic to reduce operational cost and predict customer preferences is favoring the market growth. Moreover, various technological advancements, such as the integration of big data and artificial intelligence (AI) to perform mechanical analysis, increase efficiency and safety and predict unplanned failure, are providing an impetus to the market growth. Additionally, the increasing demand for real-time analytical solutions to enhance profitability, tracking, fraud detection and improved data management is positively impacting the market growth. Apart from this, extensive research and development (R&D) activities and the implementation of various government initiatives to improve aircraft safety are anticipated to drive the market toward growth.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global aviation analytics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, deployment mode, business function, application and end user.

Breakup by Component:

Software

Services

Breakup by Deployment Mode:

On-premises

Cloud-based

Breakup by Business Function:

Sales and Marketing

Finance

Maintenance

Repair and Operations

Supply Chain

Breakup by Application:

Flight Risk Management

Inventory Management

Fuel Management

Revenue Management

Customer Analytics

Navigation Services

Breakup by End User:

Airlines

Airports

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

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India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Capgemini SE, General Electric Company, GrayMatter Software Services Pvt Ltd, Honeywell International Inc., IGT Solutions Pvt. Ltd., International Business Machines Corporation, Lufthansa Technik AG (Deutsche Lufthansa AG), OAG Aviation Worldwide Limited, Oracle Corporation, Ramco Systems Limited, RELX Group plc and SAS Institute Inc.

Key Questions Answered in This Report:

How has the global aviation analytics market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global aviation analytics market?
What are the key regional markets?
What is the breakup of the market based on the component?
What is the breakup of the market based on the deployment mode?
What is the breakup of the market based on the business function?
What is the breakup of the market based on the application?
What is the breakup of the market based on the end user?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global aviation analytics market and who are the key players?
What is the degree of competition in the industry?

Table of Contents:

1 Preface
2 Scope and Methodology
2.1 Objectives of the Study
2.2 Stakeholders
2.3 Data Sources
2.3.1 Primary Sources
2.3.2 Secondary Sources

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- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview
 - 4.2 Key Industry Trends
- 5 Global Aviation Analytics Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Component
 - 6.1 Software
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
 - 6.2 Services
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 7 Market Breakup by Deployment Mode
 - 7.1 On-premises
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Cloud-based
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 8 Market Breakup by Business Function
 - 8.1 Sales and Marketing
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Finance
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
 - 8.3 Maintenance
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
 - 8.4 Repair and Operations
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
 - 8.5 Supply Chain
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 9 Market Breakup by Application
 - 9.1 Flight Risk Management
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast

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- 9.2 Inventory Management
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Fuel Management
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Revenue Management
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast
- 9.5 Customer Analytics
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 9.6 Navigation Services
 - 9.6.1 Market Trends
 - 9.6.2 Market Forecast
- 10 Market Breakup by End User
 - 10.1 Airlines
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
 - 10.2 Airports
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast
 - 10.3 Others
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast
- 11 Market Breakup by Region
 - 11.1 North America
 - 11.1.1 United States
 - 11.1.1.1 Market Trends
 - 11.1.1.2 Market Forecast
 - 11.1.2 Canada
 - 11.1.2.1 Market Trends
 - 11.1.2.2 Market Forecast
 - 11.2 Asia-Pacific
 - 11.2.1 China
 - 11.2.1.1 Market Trends
 - 11.2.1.2 Market Forecast
 - 11.2.2 Japan
 - 11.2.2.1 Market Trends
 - 11.2.2.2 Market Forecast
 - 11.2.3 India
 - 11.2.3.1 Market Trends
 - 11.2.3.2 Market Forecast
 - 11.2.4 South Korea
 - 11.2.4.1 Market Trends
 - 11.2.4.2 Market Forecast
 - 11.2.5 Australia

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- 11.2.5.1 Market Trends
- 11.2.5.2 Market Forecast
- 11.2.6 Indonesia
 - 11.2.6.1 Market Trends
 - 11.2.6.2 Market Forecast
- 11.2.7 Others
 - 11.2.7.1 Market Trends
 - 11.2.7.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.1.1 Market Trends
 - 11.3.1.2 Market Forecast
 - 11.3.2 France
 - 11.3.2.1 Market Trends
 - 11.3.2.2 Market Forecast
 - 11.3.3 United Kingdom
 - 11.3.3.1 Market Trends
 - 11.3.3.2 Market Forecast
 - 11.3.4 Italy
 - 11.3.4.1 Market Trends
 - 11.3.4.2 Market Forecast
 - 11.3.5 Spain
 - 11.3.5.1 Market Trends
 - 11.3.5.2 Market Forecast
 - 11.3.6 Russia
 - 11.3.6.1 Market Trends
 - 11.3.6.2 Market Forecast
 - 11.3.7 Others
 - 11.3.7.1 Market Trends
 - 11.3.7.2 Market Forecast
- 11.4 Latin America
 - 11.4.1 Brazil
 - 11.4.1.1 Market Trends
 - 11.4.1.2 Market Forecast
 - 11.4.2 Mexico
 - 11.4.2.1 Market Trends
 - 11.4.2.2 Market Forecast
 - 11.4.3 Others
 - 11.4.3.1 Market Trends
 - 11.4.3.2 Market Forecast
- 11.5 Middle East and Africa
 - 11.5.1 Market Trends
 - 11.5.2 Market Breakup by Country
 - 11.5.3 Market Forecast
- 12 SWOT Analysis
 - 12.1 Overview
 - 12.2 Strengths

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- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats
- 13 Value Chain Analysis
- 14 Porters Five Forces Analysis
 - 14.1 Overview
 - 14.2 Bargaining Power of Buyers
 - 14.3 Bargaining Power of Suppliers
 - 14.4 Degree of Competition
 - 14.5 Threat of New Entrants
 - 14.6 Threat of Substitutes
- 15 Price Analysis
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Key Players
 - 16.3 Profiles of Key Players
 - 16.3.1 Capgemini SE
 - 16.3.1.1 Company Overview
 - 16.3.1.2 Product Portfolio
 - 16.3.1.3 Financials
 - 16.3.1.4 SWOT Analysis
 - 16.3.2 General Electric Company
 - 16.3.2.1 Company Overview
 - 16.3.2.2 Product Portfolio
 - 16.3.2.3 Financials
 - 16.3.2.4 SWOT Analysis
 - 16.3.3 GrayMatter Software Services Pvt Ltd
 - 16.3.3.1 Company Overview
 - 16.3.3.2 Product Portfolio
 - 16.3.4 Honeywell International Inc.
 - 16.3.4.1 Company Overview
 - 16.3.4.2 Product Portfolio
 - 16.3.4.3 Financials
 - 16.3.5 IGT Solutions Pvt. Ltd.
 - 16.3.5.1 Company Overview
 - 16.3.5.2 Product Portfolio
 - 16.3.6 International Business Machines Corporation
 - 16.3.6.1 Company Overview
 - 16.3.6.2 Product Portfolio
 - 16.3.6.3 Financials
 - 16.3.6.4 SWOT Analysis
 - 16.3.7 Lufthansa Technik AG
 - 16.3.7.1 Company Overview
 - 16.3.7.2 Product Portfolio
 - 16.3.8 OAG Aviation Worldwide Limited
 - 16.3.8.1 Company Overview
 - 16.3.8.2 Product Portfolio

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- 16.3.9 Oracle Corporation
 - 16.3.9.1 Company Overview
 - 16.3.9.2 Product Portfolio
 - 16.3.9.3 Financials
 - 16.3.9.4 SWOT Analysis
- 16.3.10 Ramco Systems Limited
 - 16.3.10.1 Company Overview
 - 16.3.10.2 Product Portfolio
 - 16.3.10.3 Financials
- 16.3.11 RELX Group plc
 - 16.3.11.1 Company Overview
 - 16.3.11.2 Product Portfolio
 - 16.3.11.3 Financials
 - 16.3.11.4 SWOT Analysis
- 16.3.12 SAS Institute Inc.
 - 16.3.12.1 Company Overview
 - 16.3.12.2 Product Portfolio
 - 16.3.12.3 SWOT Analysis

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