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

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Abstracts

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

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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.

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

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Customer Analytics
Navigation Services

Breakup by End User:

Airlines
Airports
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
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

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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?

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Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1Objectives of the Study
2.2Stakeholders
2.3Data Sources
  2.3.1Primary Sources
  2.3.2Secondary Sources
2.4Market Estimation
  2.4.1Bottom-Up Approach
  2.4.2Top-Down Approach
2.5Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1Overview
4.2Key Industry Trends

5 GLOBAL AVIATION ANALYTICS MARKET

5.1Market Overview
5.2Market Performance
5.3Impact of COVID-19
5.4Market Forecast

6 MARKET BREAKUP BY COMPONENT

6.1Software
  6.1.1 Market Trends
  6.1.2 Market Forecast
6.2Services
  6.2.1 Market Trends
  6.2.2 Market Forecast

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7 MARKET BREAKUP BY DEPLOYMENT MODE

7.1On-premises
7.1.1 Market Trends
7.1.2 Market Forecast
7.2Cloud-based
7.2.1 Market Trends
7.2.2 Market Forecast

8 MARKET BREAKUP BY BUSINESS FUNCTION

8.1Sales and Marketing
8.1.1 Market Trends
8.1.2 Market Forecast
8.2Finance
8.2.1 Market Trends
8.2.2 Market Forecast
8.3Maintenance
8.3.1 Market Trends
8.3.2 Market Forecast
8.4Repair and Operations
8.4.1 Market Trends
8.4.2 Market Forecast
8.5Supply Chain
8.5.1 Market Trends
8.5.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

9.1Flight Risk Management
9.1.1 Market Trends
9.1.2 Market Forecast
9.2Inventory Management
9.2.1 Market Trends
9.2.2 Market Forecast
9.3Fuel Management
9.3.1 Market Trends
9.3.2 Market Forecast
9.4Revenue Management

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9.4.1 Market Trends
9.4.2 Market Forecast
9.5Customer Analytics
9.5.1 Market Trends
9.5.2 Market Forecast
9.6Navigation Services
9.6.1 Market Trends
9.6.2 Market Forecast

10 MARKET BREAKUP BY END USER

10.1Airlines
10.1.1 Market Trends
10.1.2 Market Forecast
10.2Airports
10.2.1 Market Trends
10.2.2 Market Forecast
10.3Others
10.3.1 Market Trends
10.3.2 Market Forecast

11 MARKET BREAKUP BY REGION

11.1North 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
11.2Asia-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

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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
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
11.3Europe
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
11.4Latin America
11.4.1 Brazil
11.4.1.1 Market Trends
11.4.1.2 Market Forecast

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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
11.5Middle East and Africa
11.5.1 Market Trends
11.5.2 Market Breakup by Country
11.5.3 Market Forecast

12 SWOT ANALYSIS

12.1Overview
12.2Strengths
12.3Weaknesses
12.4Opportunities
12.5Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

14.1Overview
14.2Bargaining Power of Buyers
14.3Bargaining Power of Suppliers
14.4Degree of Competition
14.5Threat of New Entrants
14.6Threat of Substitutes

15 PRICE ANALYSIS

16 COMPETITIVE LANDSCAPE

16.1Market Structure
16.2Key Players
16.3Profiles of Key Players
16.3.1Capgemini SE
16.3.1.1 Company Overview

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16.3.1.2 Product Portfolio
16.3.1.3 Financials
16.3.1.4 SWOT Analysis
16.3.2General 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
16.3.3GrayMatter Software Services Pvt Ltd
16.3.3.1 Company Overview
16.3.3.2 Product Portfolio
16.3.4Honeywell International Inc.
16.3.4.1 Company Overview
16.3.4.2 Product Portfolio
16.3.4.3 Financials
16.3.5IGT Solutions Pvt. Ltd.
16.3.5.1 Company Overview
16.3.5.2 Product Portfolio
16.3.6International 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
16.3.7Lufthansa Technik AG
16.3.7.1 Company Overview
16.3.7.2 Product Portfolio
16.3.8OAG Aviation Worldwide Limited
16.3.8.1 Company Overview
16.3.8.2 Product Portfolio
16.3.9Oracle Corporation
16.3.9.1 Company Overview
16.3.9.2 Product Portfolio
16.3.9.3 Financials
16.3.9.4 SWOT Analysis
16.3.10Ramco Systems Limited
16.3.10.1 Company Overview
16.3.10.2 Product Portfolio
16.3.10.3 Financials
16.3.11RELX Group plc

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16.3.11.1 Company Overview
16.3.11.2 Product Portfolio
16.3.11.3 Financials
16.3.11.4 SWOT Analysis
16.3.12SAS Institute Inc.
16.3.12.1 Company Overview
16.3.12.2 Product Portfolio
16.3.12.3 SWOT Analysis

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List Of Tables

LIST OF TABLES

Table 1: Global: Aviation Analytics Market: Key Industry Highlights, 2022 and 2028
Table 2: Global: Aviation Analytics Market Forecast: Breakup by Component (in Million US$), 2023-2028
Table 3: Global: Aviation Analytics Market Forecast: Breakup by Deployment Mode (in Million US$), 2023-2028
Table 4: Global: Aviation Analytics Market Forecast: Breakup by Business Function (in Million US$), 2023-2028
Table 5: Global: Aviation Analytics Market Forecast: Breakup by Application (in Million US$), 2023-2028
Table 6: Global: Aviation Analytics Market Forecast: Breakup by End User (in Million US$), 2023-2028
Table 7: Global: Aviation Analytics Market Forecast: Breakup by Region (in Million US$), 2023-2028
Table 8: Global: Aviation Analytics Market: Competitive Structure
Table 9: Global: Aviation Analytics Market: Key Players

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List Of Figures

LIST OF FIGURES

Figure 1: Global: Aviation Analytics Market: Major Drivers and Challenges
Figure 2: Global: Aviation Analytics Market: Sales Value (in Billion US$), 2017-2022
Figure 3: Global: Aviation Analytics Market Forecast: Sales Value (in Billion US$), 2023-2028
Figure 4: Global: Aviation Analytics Market: Breakup by Component (in %), 2022
Figure 5: Global: Aviation Analytics Market: Breakup by Deployment Mode (in %), 2022
Figure 6: Global: Aviation Analytics Market: Breakup by Business Function (in %), 2022
Figure 7: Global: Aviation Analytics Market: Breakup by Application (in %), 2022
Figure 8: Global: Aviation Analytics Market: Breakup by End User (in %), 2022
Figure 9: Global: Aviation Analytics Market: Breakup by Region (in %), 2022
Figure 10: Global: Aviation Analytics (Software) Market: Sales Value (in Million US$), 2017 & 2022
Figure 11: Global: Aviation Analytics (Software) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 12: Global: Aviation Analytics (Services) Market: Sales Value (in Million US$), 2017 & 2022
Figure 13: Global: Aviation Analytics (Services) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 14: Global: Aviation Analytics (On-premises) Market: Sales Value (in Million US$), 2017 & 2022
Figure 15: Global: Aviation Analytics (On-premises) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 16: Global: Aviation Analytics (Cloud-based) Market: Sales Value (in Million US$), 2017 & 2022
Figure 17: Global: Aviation Analytics (Cloud-based) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 18: Global: Aviation Analytics (Sales and Marketing) Market: Sales Value (in Million US$), 2017 & 2022
Figure 19: Global: Aviation Analytics (Sales and Marketing) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 20: Global: Aviation Analytics (Finance) Market: Sales Value (in Million US$), 2017 & 2022
Figure 21: Global: Aviation Analytics (Finance) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 22: Global: Aviation Analytics (Maintenance) Market: Sales Value (in Million

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US$), 2017 & 2022
Figure 23: Global: Aviation Analytics (Maintenance) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 24: Global: Aviation Analytics (Repair and Operations) Market: Sales Value (in Million US$), 2017 & 2022
Figure 25: Global: Aviation Analytics (Repair and Operations) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 26: Global: Aviation Analytics (Supply Chain) Market: Sales Value (in Million US$), 2017 & 2022
Figure 27: Global: Aviation Analytics (Supply Chain) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 28: Global: Aviation Analytics (Flight Risk Management) Market: Sales Value (in Million US$), 2017 & 2022
Figure 29: Global: Aviation Analytics (Flight Risk Management) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 30: Global: Aviation Analytics (Inventory Management) Market: Sales Value (in Million US$), 2017 & 2022
Figure 31: Global: Aviation Analytics (Inventory Management) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 32: Global: Aviation Analytics (Fuel Management) Market: Sales Value (in Million US$), 2017 & 2022
Figure 33: Global: Aviation Analytics (Fuel Management) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 34: Global: Aviation Analytics (Revenue Management) Market: Sales Value (in Million US$), 2017 & 2022
Figure 35: Global: Aviation Analytics (Revenue Management) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 36: Global: Aviation Analytics (Customer Analytics) Market: Sales Value (in Million US$), 2017 & 2022
Figure 37: Global: Aviation Analytics (Customer Analytics) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 38: Global: Aviation Analytics (Navigation Services) Market: Sales Value (in Million US$), 2017 & 2022
Figure 39: Global: Aviation Analytics (Navigation Services) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 40: Global: Aviation Analytics (Airlines) Market: Sales Value (in Million US$), 2017 & 2022
Figure 41: Global: Aviation Analytics (Airlines) Market Forecast: Sales Value (in Million US$), 2023-2028

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Figure 42: Global: Aviation Analytics (Airports) Market: Sales Value (in Million US$), 2017 & 2022
Figure 43: Global: Aviation Analytics (Airports) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 44: Global: Aviation Analytics (Other End Users) Market: Sales Value (in Million US$), 2017 & 2022
Figure 45: Global: Aviation Analytics (Other End Users) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 46: North America: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 47: North America: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 48: United States: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 49: United States: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 50: Canada: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 51: Canada: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 52: Asia-Pacific: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 53: Asia-Pacific: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 54: China: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 55: China: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 56: Japan: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 57: Japan: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 58: India: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 59: India: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 60: South Korea: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 61: South Korea: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 62: Australia: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022

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Figure 63: Australia: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 64: Indonesia: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 65: Indonesia: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 66: Others: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 67: Others: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 68: Europe: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 69: Europe: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 70: Germany: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 71: Germany: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 72: France: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 73: France: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 74: United Kingdom: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 75: United Kingdom: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 76: Italy: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 77: Italy: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 78: Spain: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 79: Spain: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 80: Russia: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 81: Russia: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 82: Others: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 83: Others: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 84: Latin America: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 85: Latin America: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028

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Figure 86: Brazil: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 87: Brazil: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 88: Mexico: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 89: Mexico: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 90: Others: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 91: Others: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 92: Middle East and Africa: Aviation Analytics Market: Sales Value (in Million US$), 2017 & 2022
Figure 93: Middle East and Africa: Aviation Analytics Market: Breakup by Country (in %), 2022
Figure 94: Middle East and Africa: Aviation Analytics Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 95: Global: Aviation Analytics Industry: SWOT Analysis
Figure 96: Global: Aviation Analytics Industry: Value Chain Analysis
Figure 97: Global: Aviation Analytics Industry: Porter's Five Forces Analysis

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