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Global AI in Tourism Market Size study, by Offering (Solution, Services), by End Use (Transportation & Mobility Services, Travel Technology Platforms & Solution Providers), and Regional Forecasts 2022-2032

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Abstracts

Global AI in Tourism Market is valued approximately at USD 2.66 billion in 2023 and is anticipated to grow with an exceptional growth rate of more than 26.70% over the forecast period 2024-2032. Artificial Intelligence (AI) is swiftly revolutionizing the travel and tourism industry, unlocking a new paradigm of hyper-personalized, real-time experiences. From virtual travel assistants to predictive itinerary generation, AI is becoming the digital concierge modern travelers didn't know they needed. It empowers travel providers to understand user preferences at a granular level, automating decision-making, optimizing logistics, and enhancing customer delight with data-driven precision. In a market where experience is everything, AI serves as the invisible architect behind seamless journeys and frictionless bookings.

AI's integration into tourism operations is fundamentally reshaping how services are delivered and consumed. Virtual agents now handle complex customer queries, chatbots streamline bookings, and machine learning algorithms recommend destinations based on behavioral insights and historical data. Meanwhile, voice search, natural language processing (NLP), and emotion recognition technologies are reimagining how travelers interact with digital platforms. On the operational side, AI supports demand forecasting, dynamic pricing, route optimization, and smart fleet management. As sustainability and efficiency become top priorities, AI-driven solutions are ensuring not only operational agility but also environmental consciousness across the travel ecosystem.

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Fueling this market surge are several macro and tech-enabled dynamics. The proliferation of mobile and IoT devices, expansion of 5G networks, and growing demand for personalized, real-time travel experiences are collectively pushing boundaries. Travel companies and mobility providers are turning to AI to mitigate operational bottlenecks, adapt to fluctuating customer demand, and deliver tailored content across digital touchpoints. However, despite its potential, the market is constrained by data privacy concerns, algorithmic bias, and the integration challenges of legacy systems—particularly for SMEs operating on constrained digital budgets. Nonetheless, increased investment in AI-as-a-service (AIaaS) and partnerships with cloud providers are democratizing access to these advanced capabilities.

AI’s role is evolving beyond backend analytics—it is now driving immersive front-end experiences. Facial recognition in airports, AI-curated travel packages, augmented-reality-powered destination previews, and multilingual virtual concierges are just the beginning. Players across the tourism value chain are embracing AI not just to automate but to differentiate. Whether it's optimizing seat allocation in transit systems or customizing recommendations for solo travelers, AI is adding both intelligence and intimacy to the journey. The industry’s frontrunners are already aligning AI with broader digital transformation strategies, aiming to balance automation with empathy for the human traveler.

Regionally, North America leads the global AI in tourism market, owing to its early tech adoption, high smartphone penetration, and innovative travel tech startups. The United States remains the hub of AI advancements, supported by investments in intelligent transportation and smart tourism infrastructure. Europe follows closely, fueled by strong governmental support for sustainable tourism and digital integration initiatives across the EU. Asia Pacific is poised for the fastest growth through 2032, driven by a rising middle-class traveler base, mobile-first population, and AI innovation hubs in China, India, and Japan. Latin America and the Middle East & Africa are gradually emerging as tech-savvy tourist regions, bolstered by smart city developments and digital travel campaigns.

Major market player included in this report are:

Amadeus IT Group SA

Google LLC

Microsoft Corporation

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IBM Corporation

Amazon Web Services Inc. (AWS)

Expedia Group

Airbnb Inc.

Sabre Corporation

Travelport Worldwide Ltd.

Oracle Corporation

Salesforce Inc.

Baidu Inc.

Tencent Holdings Ltd.

Hopper Inc.

Trip.com Group Ltd.

The detailed segments and sub-segment of the market are explained below:

By Offering

Solution

Services

By End Use

Transportation & Mobility Services

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- Travel Technology Platforms & Solution Providers

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea

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Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of MEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

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Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Companies Mentioned

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Contents

CHAPTER 1. GLOBAL AI IN TOURISM MARKET EXECUTIVE SUMMARY

1.1. Global AI in Tourism Market Size & Forecast (2022–2032)
1.2. Regional Summary
1.3. Segmental Summary
  1.3.1. By Offering
  1.3.2. By End Use
1.4. Key Trends
1.5. Recession Impact
1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL AI IN TOURISM MARKET DEFINITION AND RESEARCH ASSUMPTIONS

2.1. Research Objective
2.2. Market Definition
2.3. Research Assumptions
  2.3.1. Inclusion & Exclusion
  2.3.2. Limitations
  2.3.3. Supply Side Analysis
    2.3.3.1. Technology Availability
    2.3.3.2. Infrastructure & Connectivity
    2.3.3.3. Regulatory Environment & Data Privacy
    2.3.3.4. Vendor Competition
    2.3.3.5. Economic Viability (Provider Perspective)
  2.3.4. Demand Side Analysis
    2.3.4.1. Traveler Expectations & Experience
    2.3.4.2. Adoption of Digital Platforms
    2.3.4.3. Investment in Smart Tourism
    2.3.4.4. Sustainability & Efficiency Goals
2.4. Estimation Methodology
2.5. Years Considered for the Study
2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL AI IN TOURISM MARKET DYNAMICS

3.1. Market Drivers

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3.1.1. Rise of Personalized Travel Experiences
3.1.2. Expansion of Intelligent Transportation & Mobility
3.1.3. Growth of Travel Technology Platforms
3.2. Market Challenges
3.2.1. Data Privacy & Regulatory Compliance
3.2.2. Integration with Legacy Systems
3.2.3. High Implementation Costs for SMEs
3.3. Market Opportunities
3.3.1. Expansion of AI-as-a-Service Offerings
3.3.2. Growth in Emerging Tourism Markets
3.3.3. Collaboration between Tech Providers and Travel Operators

CHAPTER 4. GLOBAL AI IN TOURISM MARKET INDUSTRY ANALYSIS

4.1. Porter’s Five Forces Model
4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.1.6. Futuristic Approach to Porter’s Model
4.1.7. Impact Analysis
4.2. PESTEL Analysis
4.2.1. Political
4.2.2. Economic
4.2.3. Social
4.2.4. Technological
4.2.5. Environmental
4.2.6. Legal
4.3. Top Investment Opportunities
4.4. Top Winning Strategies
4.5. Disruptive Trends
4.6. Industry Expert Perspectives
4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AI IN TOURISM MARKET SIZE & FORECASTS BY OFFERING (2022–2032)

5.1. Segment Dashboard

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5.2. Solution Revenue Trend Analysis, 2022 & 2032 (USD Billion)
5.3. Services Revenue Trend Analysis, 2022 & 2032 (USD Billion)

CHAPTER 6. GLOBAL AI IN TOURISM MARKET SIZE & FORECASTS BY END USE (2022–2032)

6.1. Segment Dashboard
6.2. Transportation & Mobility Services Revenue Trend Analysis, 2022 & 2032 (USD Billion)
6.3. Travel Technology Platforms & Solution Providers Revenue Trend Analysis, 2022 & 2032 (USD Billion)

CHAPTER 7. GLOBAL AI IN TOURISM MARKET SIZE & FORECASTS BY REGION (2022–2032)

7.1. North America AI in Tourism Market
  7.1.1. U.S. AI in Tourism Market
    7.1.1.1. By Offering, 2022–2032
    7.1.1.2. By End Use, 2022–2032
  7.1.2. Canada AI in Tourism Market
7.2. Europe AI in Tourism Market
  7.2.1. UK Market
  7.2.2. Germany Market
  7.2.3. France Market
  7.2.4. Spain Market
  7.2.5. Italy Market
  7.2.6. Rest of Europe Market
7.3. Asia Pacific AI in Tourism Market
  7.3.1. China Market
  7.3.2. India Market
  7.3.3. Japan Market
  7.3.4. Australia Market
  7.3.5. South Korea Market
  7.3.6. Rest of Asia Pacific Market
7.4. Latin America AI in Tourism Market
  7.4.1. Brazil Market
  7.4.2. Mexico Market
7.5. Middle East & Africa AI in Tourism Market
  7.5.1. Saudi Arabia Market

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7.5.2. South Africa Market
7.5.3. Rest of MEA Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis
8.1.1. Amadeus IT Group SA
8.1.2. Google LLC
8.1.3. Microsoft Corporation
8.2. Top Market Strategies
8.3. Company Profiles
8.3.1. Amadeus IT Group SA
8.3.1.1. Key Information
8.3.1.2. Overview
8.3.1.3. Financial (Subject to Data Availability)
8.3.1.4. Product Summary
8.3.1.5. Market Strategies
8.3.2. Google LLC
8.3.3. Microsoft Corporation
8.3.4. IBM Corporation
8.3.5. Amazon Web Services Inc. (AWS)
8.3.6. Expedia Group
8.3.7. Airbnb Inc.
8.3.8. Sabre Corporation
8.3.9. Travelport Worldwide Ltd.
8.3.10. Oracle Corporation
8.3.11. Salesforce Inc.
8.3.12. Baidu Inc.
8.3.13. Tencent Holdings Ltd.
8.3.14. Hopper Inc.
8.3.15. Trip.com Group Ltd.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process
9.1.1. Data Mining
9.1.2. Analysis
9.1.3. Market Estimation
9.1.4. Validation

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9.1.5. Publishing
9.2. Research Attributes

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List Of Tables

LIST OF TABLES

TABLE 1. Global AI in Tourism market, report scope
TABLE 2. Global AI in Tourism market estimates & forecasts by Region 2022–2032 (USD Billion)
TABLE 3. Global AI in Tourism market estimates & forecasts by Offering 2022–2032 (USD Billion)
TABLE 4. Global AI in Tourism market estimates & forecasts by End Use 2022–2032 (USD Billion)
TABLE 5. Global AI in Tourism market by segment, estimates & forecasts, 2022–2032 (USD Billion)
TABLE 6. North America AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 7. Europe AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 8. Asia Pacific AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 9. Latin America AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 10. Middle East & Africa AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 11. U.S. AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 12. Canada AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 13. UK AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 14. China AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 15. India AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 16. Rest of Asia Pacific AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 17. Brazil AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 18. Mexico AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 19. Saudi Arabia AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)
TABLE 20. Rest of MEA AI in Tourism market estimates & forecasts, 2022–2032 (USD Billion)

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List Of Figures

LIST OF FIGURES

FIG 1. Global AI in Tourism market, research methodology
FIG 2. Global AI in Tourism market, market estimation techniques
FIG 3. Global market size estimates & forecast methods
FIG 4. Global AI in Tourism market, key trends 2023
FIG 5. Global AI in Tourism market, growth prospects 2022–2032
FIG 6. Global AI in Tourism market, Porter’s Five Forces model
FIG 7. Global AI in Tourism market, PESTEL analysis
FIG 8. Global AI in Tourism market, value chain analysis
FIG 9. Global AI in Tourism market by Offering, 2022 & 2032 (USD Billion)
FIG 10. Global AI in Tourism market by End Use, 2022 & 2032 (USD Billion)
FIG 11. Global AI in Tourism market, regional snapshot 2022 & 2032
FIG 12. North America AI in Tourism market 2022 & 2032 (USD Billion)
FIG 13. Europe AI in Tourism market 2022 & 2032 (USD Billion)
FIG 14. Asia Pacific AI in Tourism market 2022 & 2032 (USD Billion)
FIG 15. Latin America AI in Tourism market 2022 & 2032 (USD Billion)
FIG 16. Middle East & Africa AI in Tourism market 2022 & 2032 (USD Billion)
FIG 17. Global AI in Tourism market, company market share analysis (2023)
FIG 18. Global AI in Tourism market, technology adoption curve
FIG 19. Global AI in Tourism market, investment flow by region
FIG 20. Global AI in Tourism market, stakeholder ecosystem map

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