

Global Autonomous Shuttle Market Size study & Forecast, by Level of Autonomy (Fully, Semi, Hybrid, Partial) By Seating Capacity (under 5, 5 to 10, More than 10) and Regional Analysis, 2022-2029

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Abstracts

Global Autonomous Shuttle Market is valued at approximately USD xxx billion in 2021 and is anticipated to grow with a healthy growth rate of more than xxx% over the forecast period 2022-2029. An autonomous shuttle is a self-driving vehicle that typically operates on a fixed route, such as on a campus or within a particular area of a city. These shuttles are often electric and are designed to transport passengers without the need for a human driver. Autonomous shuttles use a variety of sensors, including cameras, lidar, and radar, to navigate and avoid obstacles in their environment. The Autonomous Shuttle market is expanding because of factors such as an increase in the demand for autonomous vehicles and the growing significance of OEMs and autonomous startups.

Autonomous shuttles have the potential to improve mobility and reduce congestion in urban areas, while also providing an eco-friendly transportation option. They can be used to transport people to and from public transit hubs or to provide last-mile transportation for commuters. Its prevalence has progressively increased during the last few decades. According to Statista, the global autonomous car market was valued at over USD 27 billion in 2021. The market is expected to reach up to USD 62 billion by 2026. Furthermore, in 2030, the global sales of these vehicles are projected to reach a value of around 58 million units. Another important component driving space increase is OEMs and autonomous startups. According to Statista, the market capitalization of the world's automotive original equipment manufacturers has reached about USD 1.5 trillion in 2020. Japanese automotive manufacturers Toyota and Denso were among the world's largest OEMs and suppliers, respectively. In addition, As of April 2022, the

American autonomous vehicle company Cruise was the most well-funded startup in the field of autonomous driving worldwide. The company has received USD 8.47 billion in funding so far. Also, growing environmental concerns and rising road safety awareness would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of autonomous shuttles stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Autonomous Shuttle Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of key market players. Furthermore, Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the geographic expansion of key players, and active participation of government organizations in the market space.

Major market player included in this report are:

Aptiv Inc.
Robert Bosch GmbH
Continental AG
ZF Friedrichshafen AG
Google LLC
Visteon Corporation
Cisco Systems Inc
Denso Corporation
Delphi Inc.
Valeo S.A.

Recent Developments in the Market:

In August 2020, Hyundai collaborates with Aptiv on a project called Motional. The new joint venture, in which both parties own 50% of the new company. The goal of their new venture is to develop Level 4 and Level 5 commercial-ready self-driving systems and makes them available to robotaxi and fleet operators, as well as other automakers, by the year 2022.

Global Autonomous Shuttle Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Level of Autonomy, Seating capacity, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Level of Autonomy

Fully

Semi

Hybrid

Partial

By Seating capacity

under 5

5 to 10

More than 10

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Autonomous Shuttle Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Autonomous Shuttle Market, by Level of Autonomy, 2019-2029 (USD Billion)
 - 1.2.3. Autonomous Shuttle Market, by Seating Capacity, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTONOMOUS SHUTTLE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTONOMOUS SHUTTLE MARKET DYNAMICS

- 3.1. Autonomous Shuttle Market Impact Analysis (2019-2029) autonomous startups.
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increase in the demand for autonomous vehicles.
 - 3.1.1.2. Growing significance of OEMs and
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Autonomous Shuttle
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing environmental concerns.
 - 3.1.3.2. Rising road safety awareness
 - 3.1.3.3. Rising awareness about safety and security of vehicles

CHAPTER 4. GLOBAL AUTONOMOUS SHUTTLE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL AUTONOMOUS SHUTTLE MARKET, BY LEVEL OF AUTONOMY

- 6.1. Market Snapshot
- 6.2. Global Autonomous Shuttle Market by Level of Autonomy, Performance - Potential Analysis
- 6.3. Global Autonomous Shuttle Market Estimates & Forecasts by Level of Autonomy 2019-2029 (USD Billion)
- 6.4. Autonomous Shuttle Market, Sub Segment Analysis
 - 6.4.1. Fully
 - 6.4.2. Semi
 - 6.4.3. Hybrid
 - 6.4.4. Partial

CHAPTER 7. GLOBAL AUTONOMOUS SHUTTLE MARKET, BY SEATING CAPACITY

- 7.1. Market Snapshot

7.2. Global Autonomous Shuttle Market by Seating capacity, Performance - Potential Analysis

7.3. Global Autonomous Shuttle Market Estimates & Forecasts by Seating capacity 2019-2029 (USD Billion)

7.4. Autonomous Shuttle Market, Sub Segment Analysis

7.4.1. under

7.4.2. 5 to

7.4.3. More than

CHAPTER 8. GLOBAL AUTONOMOUS SHUTTLE MARKET, REGIONAL ANALYSIS

8.1. Autonomous Shuttle Market, Regional Market Snapshot

8.2. North America Autonomous Shuttle Market

8.2.1. U.S. Autonomous Shuttle Market

8.2.1.1. Level of Autonomy breakdown estimates & forecasts, 2019-2029

8.2.1.2. Seating capacity breakdown estimates & forecasts, 2019-2029

8.2.2. Canada Autonomous Shuttle Market

8.3. Europe Autonomous Shuttle Market Snapshot

8.3.1. U.K. Autonomous Shuttle Market

8.3.2. Germany Autonomous Shuttle Market

8.3.3. France Autonomous Shuttle Market

8.3.4. Spain Autonomous Shuttle Market

8.3.5. Italy Autonomous Shuttle Market

8.3.6. Rest of Europe Autonomous Shuttle Market

8.4. Asia-Pacific Autonomous Shuttle Market Snapshot

8.4.1. China Autonomous Shuttle Market

8.4.2. India Autonomous Shuttle Market

8.4.3. Japan Autonomous Shuttle Market

8.4.4. Australia Autonomous Shuttle Market

8.4.5. South Korea Autonomous Shuttle Market

8.4.6. Rest of Asia Pacific Autonomous Shuttle Market

8.5. Latin America Autonomous Shuttle Market Snapshot

8.5.1. Brazil Autonomous Shuttle Market

8.5.2. Mexico Autonomous Shuttle Market

8.5.3. Rest of Latin America Autonomous Shuttle Market

8.6. Rest of The World Autonomous Shuttle Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Aptiv Inc

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. Robert Bosch GmbH

9.2.3. Continental AG

9.2.4. ZF Friedrichshafen AG

9.2.5. Google LLC

9.2.6. Visteon Corporation

9.2.7. Cisco Systems Inc

9.2.8. Denso Corporation

9.2.9. Delphi Inc.

9.2.10. Valeo S.A.

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Autonomous Shuttle Market, report scope

TABLE 2. Global Autonomous Shuttle Market estimates & forecasts by Region
2019-2029 (USD Billion)

TABLE 3. Global Autonomous Shuttle Market estimates & forecasts by Level of
Autonomy 2019-2029 (USD Billion)

TABLE 4. Global Autonomous Shuttle Market estimates & forecasts by Seating capacity
2019-2029 (USD Billion)

TABLE 5. Global Autonomous Shuttle Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 6. Global Autonomous Shuttle Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 7. Global Autonomous Shuttle Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 8. Global Autonomous Shuttle Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 9. Global Autonomous Shuttle Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 10. Global Autonomous Shuttle Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 11. Global Autonomous Shuttle Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 12. Global Autonomous Shuttle Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 13. Global Autonomous Shuttle Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 14. Global Autonomous Shuttle Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 15. U.S. Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 16. U.S. Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 17. U.S. Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 18. Canada Autonomous Shuttle Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 19. Canada Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 20. Canada Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 21. UK Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 22. UK Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 23. UK Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 24. Germany Autonomous Shuttle Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 25. Germany Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 26. Germany Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 27. France Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 28. France Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 29. France Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 30. Italy Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 31. Italy Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 32. Italy Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 33. Spain Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 34. Spain Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 35. Spain Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 36. RoE Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 37. RoE Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 38. RoE Autonomous Shuttle Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Autonomous Shuttle Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 59. Brazil Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 60. Mexico Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 61. Mexico Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 62. Mexico Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 63. RoLA Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 64. RoLA Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 65. RoLA Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 66. Row Autonomous Shuttle Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 67. Row Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 68. Row Autonomous Shuttle Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Autonomous Shuttle
Market

TABLE 70. List of primary sources, used in the study of global Autonomous Shuttle
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Autonomous Shuttle Market, research methodology
 - FIG 2. Global Autonomous Shuttle Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Autonomous Shuttle Market, key trends 2021
 - FIG 5. Global Autonomous Shuttle Market, growth prospects 2022-2029
 - FIG 6. Global Autonomous Shuttle Market, porters 5 force model
 - FIG 7. Global Autonomous Shuttle Market, pest analysis
 - FIG 8. Global Autonomous Shuttle Market, value chain analysis
 - FIG 9. Global Autonomous Shuttle Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Autonomous Shuttle Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Autonomous Shuttle Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Autonomous Shuttle Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Autonomous Shuttle Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Autonomous Shuttle Market, regional snapshot 2019 & 2029
 - FIG 15. North America Autonomous Shuttle Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Autonomous Shuttle Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Autonomous Shuttle Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Autonomous Shuttle Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Autonomous Shuttle Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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