

# **Global AI-based Clinical Trials Solution Provider Market Size study, By Clinical Trial Phase (Phase-I, Phase-II, Phase-III), By Application (Oncology, Cardiovascular Diseases, Neurological Diseases or Conditions, Infectious Diseases, Others), By End-use (Pharmaceutical Companies, Academia, Others), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global AI-based Clinical Trials Solution Provider Market is valued at approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. The emergence of artificial intelligence (AI) in the research and development activities in clinical trials aids in improving operational competence, minimizing costs, and boosting drug discovery. AI technology integrated with big data helps in solving various key clinical trial challenges, which is leading the market growth. Factors such as the increase in the number of clinical studies, and growing penetration of the AI-based platforms for enhancing efficiency and productivity of trials at many stages, coupled with the development of the pharmaceutical and CROs sector are impelling the growth of the global market. For instance, as per a Statista report, in 2018, the total number of registered clinical studies worldwide was recorded at 293,259 and the figure is constantly rising and reach 409,300 studies by 2022.

Accordingly, the rising clinical studies are positively influencing the growth of the AI-based Clinical Trials Solution Provider market across the globe. However, the lack of AI accuracy in clinical practices and the imposition of several stringent regulations on the approval of AI-based clinical trials hinders the growth of the market over the forecast period of 2022-2028. Also, rising R&D investments in various therapeutic areas and growing awareness and diversified applications of artificial intelligence (AI) in the field of clinical trials are anticipated to act as catalyzing factors for the market demand during

the forecast period.

The key regions considered for the global AI-based Clinical Trials Solution Provider Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the availability of favorable government policies and the rising presence of a number of AI-based start-ups. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growing adoption of AI-based tools, rising patient pool, as well as, increasing prevalence of various diseases, would create lucrative growth prospects for the AI-based Clinical Trials Solution Provider Market across the Asia-Pacific region.

Major market players included in this report are:

Unlearn.AI, Inc.

Saama Technologies

Antidote Technologies, Inc.

Innoplexus

Mendel.ai

Median Technologies

Symphony AI

BioAge Labs, Inc.

AiCure, LLC

Halo Health Systems

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Clinical Trial Phase:

Phase-I

Phase-II

Phase-III

By Application:

Oncology

Cardiovascular Diseases  
Neurological Diseases or Conditions  
Infectious Diseases  
Others  
By End-use:  
Pharmaceutical Companies  
Academia  
Others  
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  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global AI-based Clinical Trials Solution Provider Market in

*Global AI-based Clinical Trials Solution Provider Market Size study, By Clinical Trial Phase (Phase-I, Phase-I...*

Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
  - 1.2.1. AI-based Clinical Trials Solution Provider Market, by Region, 2020-2028 (USD Million)
  - 1.2.2. AI-based Clinical Trials Solution Provider Market, by Clinical Trial Phase, 2020-2028 (USD Million)
  - 1.2.3. AI-based Clinical Trials Solution Provider Market, by Application, 2020-2028 (USD Million)
  - 1.2.4. AI-based Clinical Trials Solution Provider Market, by End-use, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER 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 AI-BASED CLINICAL TRIALS SOLUTION PROVIDER MARKET DYNAMICS

- 3.1. AI-based Clinical Trials Solution Provider Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increase in the number of clinical studies
    - 3.1.1.2. Growing penetration of the AI-based platforms for enhancing efficiency and productivity of trials at many stages
  - 3.1.2. Market Challenges
    - 3.1.2.1. Lack of AI accuracy in clinical practices
    - 3.1.2.2. Imposition of several stringent regulations on the approval of AI-based

clinical trials hinders

### 3.1.3. Market Opportunities

3.1.3.1. Rising R&D investments in various therapeutic areas

3.1.3.2. Growing awareness and diversified applications of artificial intelligence (AI) in the field of clinical trials

## **CHAPTER 4. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER 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

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)

### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

### 4.5. Top investment opportunity

### 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER MARKET, BY CLINICAL TRIAL PHASE**

### 6.1. Market Snapshot

6.2. Global AI-based Clinical Trials Solution Provider Market by Clinical Trial Phase, Performance - Potential Analysis

6.3. Global AI-based Clinical Trials Solution Provider Market Estimates & Forecasts by Clinical Trial Phase, 2018-2028 (USD Million)

## 6.4. AI-based Clinical Trials Solution Provider Market, Sub Segment Analysis

- 6.4.1. Phase-I
- 6.4.2. Phase-II
- 6.4.3. Phase-III

## **CHAPTER 7. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER MARKET, BY APPLICATION**

### 7.1. Market Snapshot

7.2. Global AI-based Clinical Trials Solution Provider Market by Application, Performance - Potential Analysis

7.3. Global AI-based Clinical Trials Solution Provider Market Estimates & Forecasts by Application, 2018-2028 (USD Million)

### 7.4. AI-based Clinical Trials Solution Provider Market, Sub Segment Analysis

- 7.4.1. Oncology
- 7.4.2. Cardiovascular Diseases
- 7.4.3. Neurological Diseases or Conditions
- 7.4.4. Infectious Diseases
- 7.4.5. Others

## **CHAPTER 8. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER MARKET, BY END-USE**

### 8.1. Market Snapshot

8.2. Global AI-based Clinical Trials Solution Provider Market by End-use, Performance - Potential Analysis

8.3. Global AI-based Clinical Trials Solution Provider Market Estimates & Forecasts by End-use, 2018-2028 (USD Million)

### 8.4. AI-based Clinical Trials Solution Provider Market, Sub Segment Analysis

- 8.4.1. Pharmaceutical Companies
- 8.4.2. Academia
- 8.4.3. Others

## **CHAPTER 9. GLOBAL AI-BASED CLINICAL TRIALS SOLUTION PROVIDER MARKET, REGIONAL ANALYSIS**

### 9.1. AI-based Clinical Trials Solution Provider Market, Regional Market Snapshot

#### 9.2. North America AI-based Clinical Trials Solution Provider Market

- 9.2.1. U.S. AI-based Clinical Trials Solution Provider Market

- 9.2.1.1. Clinical Trial Phase breakdown estimates & forecasts, 2018-2028
- 9.2.1.2. Application breakdown estimates & forecasts, 2018-2028
- 9.2.1.3. End-use breakdown estimates & forecasts, 2018-2028
- 9.2.2. Canada AI-based Clinical Trials Solution Provider Market
- 9.3. Europe AI-based Clinical Trials Solution Provider Market Snapshot
  - 9.3.1. U.K. AI-based Clinical Trials Solution Provider Market
  - 9.3.2. Germany AI-based Clinical Trials Solution Provider Market
  - 9.3.3. France AI-based Clinical Trials Solution Provider Market
  - 9.3.4. Spain AI-based Clinical Trials Solution Provider Market
  - 9.3.5. Italy AI-based Clinical Trials Solution Provider Market
  - 9.3.6. Rest of Europe AI-based Clinical Trials Solution Provider Market
- 9.4. Asia-Pacific AI-based Clinical Trials Solution Provider Market Snapshot
  - 9.4.1. China AI-based Clinical Trials Solution Provider Market
  - 9.4.2. India AI-based Clinical Trials Solution Provider Market
  - 9.4.3. Japan AI-based Clinical Trials Solution Provider Market
  - 9.4.4. Australia AI-based Clinical Trials Solution Provider Market
  - 9.4.5. South Korea AI-based Clinical Trials Solution Provider Market
  - 9.4.6. Rest of Asia Pacific AI-based Clinical Trials Solution Provider Market
- 9.5. Latin America AI-based Clinical Trials Solution Provider Market Snapshot
  - 9.5.1. Brazil AI-based Clinical Trials Solution Provider Market
  - 9.5.2. Mexico AI-based Clinical Trials Solution Provider Market
- 9.6. Rest of The World AI-based Clinical Trials Solution Provider Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Unlearn.AI, Inc.
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Saama Technologies
  - 10.2.3. Antidote Technologies, Inc.
  - 10.2.4. Innoplexus
  - 10.2.5. Mendel.ai
  - 10.2.6. Median Technologies
  - 10.2.7. Symphony AI



10.2.8. BioAge Labs, Inc.

10.2.9. AiCure, LLC

10.2.10. Halo Health Systems

## **CHAPTER 11. RESEARCH PROCESS**

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global AI-based Clinical Trials Solution Provider Market, report scope

TABLE 2. Global AI-based Clinical Trials Solution Provider Market estimates & forecasts by Region 2018-2028 (USD Million)

TABLE 3. Global AI-based Clinical Trials Solution Provider Market estimates & forecasts by Clinical Trial Phase 2018-2028 (USD Million)

TABLE 4. Global AI-based Clinical Trials Solution Provider Market estimates & forecasts by Application 2018-2028 (USD Million)

TABLE 5. Global AI-based Clinical Trials Solution Provider Market estimates & forecasts by End-use 2018-2028 (USD Million)

TABLE 6. Global AI-based Clinical Trials Solution Provider Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 7. Global AI-based Clinical Trials Solution Provider Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 8. Global AI-based Clinical Trials Solution Provider Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 9. Global AI-based Clinical Trials Solution Provider Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 10. Global AI-based Clinical Trials Solution Provider Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 11. Global AI-based Clinical Trials Solution Provider Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 12. Global AI-based Clinical Trials Solution Provider Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 13. Global AI-based Clinical Trials Solution Provider Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 14. Global AI-based Clinical Trials Solution Provider Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 15. Global AI-based Clinical Trials Solution Provider Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 16. U.S. AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 17. U.S. AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 18. U.S. AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 19. Canada AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 20. Canada AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 21. Canada AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 22. UK AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 23. UK AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 24. UK AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 25. Germany AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 26. Germany AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 27. Germany AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 28. RoE AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 29. RoE AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 30. RoE AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 31. China AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 32. China AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 33. China AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 34. India AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 35. India AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 36. India AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 37. Japan AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 38. Japan AI-based Clinical Trials Solution Provider Market estimates &

forecasts by segment 2018-2028 (USD Million)

TABLE 39. Japan AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 40. RoAPAC AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 41. RoAPAC AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 42. RoAPAC AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 43. Brazil AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 44. Brazil AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 45. Brazil AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 46. Mexico AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 47. Mexico AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 48. Mexico AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 49. RoLA AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 50. RoLA AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 51. RoLA AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 52. Row AI-based Clinical Trials Solution Provider Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 53. Row AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 54. Row AI-based Clinical Trials Solution Provider Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global AI-based Clinical Trials Solution Provider Market

TABLE 56. List of primary sources, used in the study of global AI-based Clinical Trials Solution Provider Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global AI-based Clinical Trials Solution Provider Market, research methodology
- FIG 2. Global AI-based Clinical Trials Solution Provider Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global AI-based Clinical Trials Solution Provider Market, key trends 2021
- FIG 5. Global AI-based Clinical Trials Solution Provider Market, growth prospects 2022-2028
- FIG 6. Global AI-based Clinical Trials Solution Provider Market, porters 5 force model
- FIG 7. Global AI-based Clinical Trials Solution Provider Market, pest analysis
- FIG 8. Global AI-based Clinical Trials Solution Provider Market, value chain analysis
- FIG 9. Global AI-based Clinical Trials Solution Provider Market by segment, 2018 & 2028 (USD Million)
- FIG 10. Global AI-based Clinical Trials Solution Provider Market by segment, 2018 & 2028 (USD Million)
- FIG 11. Global AI-based Clinical Trials Solution Provider Market by segment, 2018 & 2028 (USD Million)
- FIG 12. Global AI-based Clinical Trials Solution Provider Market by segment, 2018 & 2028 (USD Million)
- FIG 13. Global AI-based Clinical Trials Solution Provider Market by segment, 2018 & 2028 (USD Million)
- FIG 14. Global AI-based Clinical Trials Solution Provider Market, regional snapshot 2018 & 2028
- FIG 15. North America AI-based Clinical Trials Solution Provider Market 2018 & 2028 (USD Million)
- FIG 16. Europe AI-based Clinical Trials Solution Provider Market 2018 & 2028 (USD Million)
- FIG 17. Asia Pacific AI-based Clinical Trials Solution Provider market 2018 & 2028 (USD Million)
- FIG 18. Latin America AI-based Clinical Trials Solution Provider Market 2018 & 2028 (USD Million)
- FIG 19. Global AI-based Clinical Trials Solution Provider Market, company market share analysis (2021)

## I would like to order

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