

Global Programming Language Market Size study & Forecast, by Medium (Offline, Online), by Language (C, Python, JavaScript, Go, Ruby, Others), by End-User (Academic, Corporate) and Regional Analysis, 2022-2029

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Abstracts

Global Programming Language Market is valued at approximately USD 154.70 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.5% over the forecast period 2022-2029. Programming Language refers to a computer language used by software developers to develop software programs, scripts, and other sets of instructions for computers to execute. There are different types of languages that are used by developers such as C, Python, JavaScript, Ruby, PHP, and Go among others. Moreover, as per GeeksforGeeks Portal – as of 2022, Python is used as the main coding language by around 80% of developers worldwide. Python is followed by Java, which has been used in more than 3 billion devices, and JavaScript, used by more than 97% of websites. The increasing expansion of machine learning and AI technologies and growing adoption of cloud solutions across industries as well as strategic initiatives from leading market players are key factors accelerating the market growth.

The increasing expansion of machine learning and artificial intelligence technologies is contributing to the growth of the Global Programming Language Market. For instance, according to Statista – in 2019, the global artificial intelligence market was valued at USD 14.69 billion, and the global artificial intelligence (AI) software market is projected to grow to USD 126 billion by 2025. Moreover, in Sept 2021, the U.S. Department of Energy (DOE) announced a grant of USD 16 million for five collaborative research projects to develop artificial intelligence (AI) and machine learning (ML) algorithms to facilitate scientific insights and discoveries from data generated by computational simulations, experiments, and observations. Also, rising advancements in programming

languages and growing popularity of online learning Bootcamp courses would create a lucrative growth prospectus for the market over the forecast period. However, the high cost associated with programming Language training stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Programming Language Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region in terms of market share owing to presence of leading market players and increasing adoption of AI and ML technologies across the industries in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising digitization across different industries as well as growing expansion of IT industry in the region.

Major market players included in this report are:

Aptech Ltd.

Coursera Inc.

Data Camp Inc.

edX Inc.

Global Knowledge Training LLC

Learning Tree International Inc.

NetCom Learning

NIIT Ltd.

Udacity Inc.

Udemy Inc.

Recent Developments in the Market:

In August 2019, Coursera Inc. acquired Rhyme Softworks. Rhyme Softworks has built a platform that enables developers to build hands-on, virtual e-learning projects that can be executed from a user's internet browser.

Global Programming Language 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 Medium, Language, End-user, 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 Medium

Offline

Online

By Language

C

Python

JavaScript

Go

Ruby

Others

By End-User

Academic

Corporate

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. Programming Language Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Programming Language Market, by Medium, 2019-2029 (USD Billion)
 - 1.2.3. Programming Language Market, by Language, 2019-2029 (USD Billion)
 - 1.2.4. Programming Language Market, by End-user, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL PROGRAMMING LANGUAGE 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 PROGRAMMING LANGUAGE MARKET DYNAMICS

- 3.1. Programming Language Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing expansion of machine learning and AI technologies
 - 3.1.1.2. Growing adoption of cloud solutions across the industries
 - 3.1.1.3. Strategic initiatives from leading market players
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Programming Language training
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising advancements in programming languages
 - 3.1.3.2. Growing popularity of online learning Bootcamp courses

CHAPTER 4. GLOBAL PROGRAMMING LANGUAGE 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 PROGRAMMING LANGUAGE MARKET, BY MEDIUM

- 6.1. Market Snapshot
- 6.2. Global Programming Language Market by Medium, Performance - Potential Analysis
- 6.3. Global Programming Language Market Estimates & Forecasts by Medium 2019-2029 (USD Billion)
- 6.4. Programming Language Market, Sub Segment Analysis
 - 6.4.1. Offline
 - 6.4.2. Online

CHAPTER 7. GLOBAL PROGRAMMING LANGUAGE MARKET, BY LANGUAGE

- 7.1. Market Snapshot
- 7.2. Global Programming Language Market by Language, Performance - Potential Analysis

7.3. Global Programming Language Market Estimates & Forecasts by Language
2019-2029 (USD Billion)

7.4. Programming Language Market, Sub Segment Analysis

7.4.1. C

7.4.2. Python

7.4.3. JavaScript

7.4.4. Go

7.4.5. Ruby

7.4.6. others

CHAPTER 8. GLOBAL PROGRAMMING LANGUAGE MARKET, BY END-USER

8.1. Market Snapshot

8.2. Global Programming Language Market by End-user, Performance - Potential
Analysis

8.3. Global Programming Language Market Estimates & Forecasts by End-user
2019-2029 (USD Billion)

8.4. Programming Language Market, Sub Segment Analysis

8.4.1. Academic

8.4.2. Corporate

CHAPTER 9. GLOBAL PROGRAMMING LANGUAGE MARKET, REGIONAL ANALYSIS

9.1. Programming Language Market, Regional Market Snapshot

9.2. North America Programming Language Market

9.2.1. U.S. Programming Language Market

9.2.1.1. Medium breakdown estimates & forecasts, 2019-2029

9.2.1.2. Language breakdown estimates & forecasts, 2019-2029

9.2.1.3. End-user breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Programming Language Market

9.3. Europe Programming Language Market Snapshot

9.3.1. U.K. Programming Language Market

9.3.2. Germany Programming Language Market

9.3.3. France Programming Language Market

9.3.4. Spain Programming Language Market

9.3.5. Italy Programming Language Market

9.3.6. Rest of Europe Programming Language Market

9.4. Asia-Pacific Programming Language Market Snapshot

- 9.4.1. China Programming Language Market
- 9.4.2. India Programming Language Market
- 9.4.3. Japan Programming Language Market
- 9.4.4. Australia Programming Language Market
- 9.4.5. South Korea Programming Language Market
- 9.4.6. Rest of Asia Pacific Programming Language Market
- 9.5. Latin America Programming Language Market Snapshot
 - 9.5.1. Brazil Programming Language Market
 - 9.5.2. Mexico Programming Language Market
 - 9.5.3. Rest of Latin America Programming Language Market
- 9.6. Rest of The World Programming Language Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Aptech Ltd.
 - 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. Coursera Inc.
 - 10.2.3. Data Camp Inc.
 - 10.2.4. edX Inc.
 - 10.2.5. Global Knowledge Training LLC
 - 10.2.6. Learning Tree International Inc.
 - 10.2.7. NetCom Learning
 - 10.2.8. NIIT Ltd.
 - 10.2.9. Udacity Inc.
 - 10.2.10. Udemy Inc.

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 Programming Language Market, report scope
- TABLE 2. Global Programming Language Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global Programming Language Market estimates & forecasts by Medium 2019-2029 (USD Billion)
- TABLE 4. Global Programming Language Market estimates & forecasts by Language 2019-2029 (USD Billion)
- TABLE 5. Global Programming Language Market estimates & forecasts by End-user 2019-2029 (USD Billion)
- TABLE 6. Global Programming Language Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global Programming Language Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global Programming Language Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global Programming Language Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global Programming Language Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global Programming Language Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global Programming Language Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global Programming Language Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global Programming Language Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. Global Programming Language Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 17. U.S. Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. U.S. Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 21. Canada Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 24. UK Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 27. Germany Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 30. France Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 33. Italy Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 36. Spain Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 40. China Programming Language Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 41. China Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 42. China Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 43. India Programming Language Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 44. India Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 45. India Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 46. Japan Programming Language Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 47. Japan Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 48. Japan Programming Language Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 49. South Korea Programming Language Market estimates & forecasts,

2019-2029 (USD Billion)

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

TABLE 51. South Korea Programming Language Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 52. Australia Programming Language Market estimates & forecasts, 2019-2029
(USD Billion)

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

TABLE 54. Australia Programming Language Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 55. RoAPAC Programming Language Market estimates & forecasts, 2019-2029
(USD Billion)

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

TABLE 57. RoAPAC Programming Language Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 58. Brazil Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 60. Brazil Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 63. Mexico Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 66. RoLA Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Programming Language Market estimates & forecasts, 2019-2029 (USD Billion)

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

TABLE 69. Row Programming Language Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Programming Language Market

TABLE 71. List of primary sources, used in the study of global Programming Language Market

TABLE 72. Years considered for the study

TABLE 73. 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 Programming Language Market, research methodology
 - FIG 2. Global Programming Language Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Programming Language Market, key trends 2021
 - FIG 5. Global Programming Language Market, growth prospects 2022-2029
 - FIG 6. Global Programming Language Market, porters 5 force model
 - FIG 7. Global Programming Language Market, pest analysis
 - FIG 8. Global Programming Language Market, value chain analysis
 - FIG 9. Global Programming Language Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Programming Language Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Programming Language Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Programming Language Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Programming Language Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Programming Language Market, regional snapshot 2019 & 2029
 - FIG 15. North America Programming Language Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Programming Language Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific Programming Language Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Programming Language Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Programming Language 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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