

Natural Language Processing (NLP): Global Market Analysis and Insights

https://marketpublishers.com/r/N94BAF6A6B5BEN.html

Date: July 2023 Pages: 178 Price: US\$ 5,500.00 (Single User License) ID: N94BAF6A6B5BEN

Abstracts

Report Scope:

In this report, the global NLP market has been segmented based on organization size, component, provider, type, industry and geography. The report provides an overview of the global natural processing market and analyses market trends. Using 2022 as the base year, this report provides estimated market data for the forecast period from 2023 to 2028. Revenue forecasts for this period are segmented based on component, deployment, organization size, type, application, industry vertical and geography. Market values have been estimated based on the total revenue of NLP solution providers.

The report covers the NLP market with regard to the user base across different regions. It also highlights major trends and challenges that affect the market and the vendor landscape. The report estimates the global market for NLP in 2022 and provides projections for the expected market size through 2028. The report explains the value chain and current trends in the global markets for NLP. It concludes with detailed profiles of the major market players.

Report Includes:

52 tables and 24 additional tables

An overview and up-to-date analysis of the global market for the natural language processing (NLP) technologies

Analyses of the global market trends, with historic market revenue data (sales



figures) for 2022, estimates for 2023, forecasts for 2024, and projections of compound annual growth rates (CAGRs) through 2028

Highlights of emerging technology trends, opportunities and gaps estimating current size and anticipated growth of the overall NLP market and its related market segments, and identification of the major regions and countries involved in market developments

Estimation of the actual market size and revenue forecast for the global NLP market in USD million values, and corresponding market share analysis based on the component, deployment type, organization size, technology type, application, industry vertical, and region

Updated information on key market drivers and opportunities, industry shifts and regulations, and other region and industry specific macroeconomic variables that will influence this market in the coming years (2023-2028)

Review of patents in the NLP market along with the global NLP based patent applications and patents granted for a brief period

A look at the major growth strategies adopted by leading players operating in the market for NLP technologies, recent developments, strategic alliances, and competitive benchmarking

Identification of the major stakeholders and analysis of the competitive landscape based on recent developments and segmental revenues

Descriptive company profiles of the leading global players of the industry, including 3M, Apple Inc., IBM Corp., Meta Platforms Inc. and SAS Institute Inc.



Contents

CHAPTER 1 INTRODUCTION

Overview Study Goals and Objectives Scope of Report Reasons for Doing the Study Intended Audiences Information Sources Methodology Geographic Breakdown Analyst's Credentials BCC Custom Research Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Market Summary

CHAPTER 3 MARKET OVERVIEW

Overview NLP Tools Natural Language Toolkit SpaCy Word2Vec Amazon Comprehend GenSim Core NLP Google Cloud Natural Language GPT CogCompNLP TextBlob **Evolution of NLP** Early Developments Statistical Methods and Machine Learning **Deep Learning Revolution** Transformer Models and Language Understanding



Applications and Impact Current Evolution (2019-2022) NLP Infrastructure Hardware Software Frameworks Data Resources Computational Resources Pretrained Models and Model Libraries: Annotation Tools: Value Chain Analysis Impact of COVID-19 on the Market for NLP

CHAPTER 4 MARKET DYNAMICS

Overview Market Drivers Rising Adoption of NLP Among Businesses to Enhance Customer Service Growing Interest and Investments in AI Technologies Growing Volume of Unstructured Data through NLP Regulatory Compliance and Risk Management Market Restraints Limited Availability of Multiple Languages Growing Concern Regarding Data Privacy Market Opportunities Surge in the Developments of Big Data Technology for Actionable Business Intelligence Increase in Investment Across Healthcare

CHAPTER 5 MARKET BREAKDOWN BY SEGMENT

Overview Solution Text Classification Text Extraction Text Summarization Predictive Text Smart Assistants Search Engine Results Services Technologies Advisory and Consulting Services



Development and Integration Services Support and Maintenance Services

CHAPTER 6 MARKET BREAKDOWN BY DEPLOYMENT

Overview Cloud Cloud-hosted NLP Services On-premises

CHAPTER 7 MARKET BREAKDOWN BY ORGANIZATION SIZE

Overview Large Enterprises Small and Medium Enterprises

CHAPTER 8 MARKET BREAKDOWN BY TYPE

Overview Rule-Based NLP Statistical NLP Statistical Language Modeling Applications Drawbacks of Statistical NLP Hybrid NLP

CHAPTER 9 MARKET BREAKDOWN BY APPLICATION

Overview Sentiment Analysis Sentiment Analysis Types Social Media Monitoring Automatic Summarization Text Summarization Types Best API's for Text Summarization Content Management Virtual Assistants/Chatbots Three Pillars of an NLP-Based Chatbot Others



CHAPTER 10 MARKET BREAKDOWN BY INDUSTRY VERTICAL

Overview BFSI Use Cases of NLP in BFSI Education Use Cases of NLP in Education Healthcare Use Cases of NLP in Healthcare NLP Applications in Healthcare Retail and E-commerce Use Cases of NLP in the Retail Industry Information Technology and Telecommunication Use Cases of NLP in the Telecommunication Industry Media and Entertainment Use Cases of NLG in Media and Entertainment Others

CHAPTER 11 MARKET BREAKDOWN BY REGION

Overview North America U.S. Canada Mexico Europe U.K. Germany France Spain **Rest of Europe** Asia-Pacific China Japan India Rest of Asia-Pacific Rest of the World

CHAPTER 12 PATENT ANALYSIS



Global NLP Patents by Applicant Company

CHAPTER 13 EMERGING TECHNOLOGIES

Overview Key Market Trends Network and Computing Technology Internet of Things Artificial Intelligence Machine Learning Design, Deployment and Content Production Level **Cloud Computing** Data Lake Human/Simulation Interactive Level Virtual Assistants Sentiment Analysis Multilingual Language Models Named Entity Recognition Language Transformers Transfer Learning **Text Summarization** Semantic Search **Reinforcement Learning**

CHAPTER 14 MERGER AND ACQUISITION OUTLOOK

Merger and Acquisition Analysis

CHAPTER 15 COMPETITIVE LANDSCAPE

Top Companies Strategic Analysis Key Product Launches and Developments Key Collaborations and Partnerships Key Acquisitions and Expansions Comparison of the Platforms Used by Major Cloud Vendors

CHAPTER 16 COMPANY PROFILES



3M ALPHABET INC. (GOOGLE INC.) AMAZON INC. APPLE INC. HEWLETT PACKARD ENTERPRISE IBM CORP. INBENTA TECHNOLOGIES INC. INTEL CORP. IQVIA JUST AI LTD. META PLATFORMS INC. MICROSOFT CORP. NARRATIVE SCIENCE (TABLEAU SOFTWARE) NETBASE QUID **OPENAI LP** ORACLE CORP. SAP SE SAS INSTITUTE INC. SOUNDHOUND AI INC. VERINT SYSTEMS INC.



List Of Tables

LIST OF TABLES

Summary Table: Global Market for NLP, by Region, Through 2028 Table 1: Global Market for NLP, by Segment, Through 2028 Table 2: Global Market for NLP, by Deployment, Through 2028 Table 3: Global Market for NLP, by Organization Size, Through 2028 Table 4: Business Applications of AI and Machine Learning in SME-dominated Sectors Table 5: Global Market for NLP, by Type, Through 2028 Table 6: Global Market for NLP, by Application, Through 2028 Table 7: Global Market for NLP, by Industry Vertical, Through 2028 Table 8: Global Market for NLP, by Region, Through 2028 Table 9: North American Market for NLP, by Country, Through 2028 Table 10: North American Market for NLP, by Segment, Through 2028 Table 11: North American Market for NLP, by Deployment, Through 2028 Table 12: North American Market for NLP, by Organization Size, Through 2028 Table 13: North American Market for NLP, by Type, Through 2028 Table 14: North American Market for NLP, by Application, Through 2028 Table 15: North American Market for NLP, by Industry Vertical, Through 2028 Table 16: European Market for NLP, by Country, Through 2028 Table 17: European Market for NLP, by Segment, Through 2028 Table 18: European Market for NLP, by Deployment, Through 2028 Table 19: European Market for NLP, by Organization Size, Through 2028 Table 20: European Market for NLP, by Type, Through 2028 Table 21: European Market for NLP, by Application, Through 2028 Table 22: European Market for NLP, by Industry Vertical, Through 2028 Table 23: Asia-Pacific Market for NLP, by Country, Through 2028 Table 24: Asia-Pacific Market for NLP, by Segment, Through 2028 Table 25: Asia-Pacific Market for NLP, by Deployment, Through 2028 Table 26: Asia-Pacific Market for NLP, by Organization Size, Through 2028 Table 27: Asia-Pacific Market for NLP, by Type, Through 2028 Table 28: Asia-Pacific Market for NLP, by Application, Through 2028 Table 29: Asia-Pacific Market for NLP, by Industry Vertical, Through 2028 Table 30: RoW Market for NLP, by Sub-region, Through 2028 Table 31: RoW Market for NLP, by Segment, Through 2028 Table 32: RoW Market for NLP, by Deployment, Through 2028 Table 33: RoW Market for NLP, by Organization Size, Through 2028 Table 34: RoW Market for NLP, by Type, Through 2028



Table 35: RoW Market for NLP, by Application, Through 2028 Table 36: RoW Market for NLP, by Industry Vertical, Through 2028 Table 37: Global NLP Patents, by Applicant Company, Through May 2023 Table 38: Mergers and Acquisitions, January 2021-May 2023 Table 39: Product Launches and Developments, March 2020-March 2023 Table 40: Collaborations and Partnerships, March 2020-March 2023 Table 41: Acquisitions and Expansions March 2020-March 2023 Table 42: Comparison of the Platforms Used by Major Cloud Vendors, by Services Table 43: Comparison of the Platforms Used, by Major Cloud Vendors, by Product Table 44: 3M: Net Revenue, 2020-2022 Table 45: 3M: Products and Services Table 46: Alphabet Inc.: Net Revenue, 2020-2022 Table 47: Alphabet Inc.: Products and Services Table 48: Amazon Inc.: Net Revenue, 2020-2022 Table 49: Amazon Inc.: Products and Services Table 50: Apple Inc.: Net Revenue, 2020-2022 Table 51: Apple Inc.: Products and Services Table 52: Hewlett Packard Enterprise: Net Revenue, 2020-2022 Table 53: Hewlett Packard Enterprise: Products and Services Table 54: IBM Corp.: Net Revenue, 2020-2022 Table 55: IBM Corp.: Products and Services Table 56: Inbenta Technologies Inc.: Products and Services Table 57: Intel Corp.: Net Revenue, 2020-2022 Table 58: Intel Corp.: Products and Services Table 59: IQVIA: Net Revenue, 2020-2022 Table 60: IQVIA: Products and Services Table 61: Meta Platforms Inc.: Net Revenue, 2020-2022 Table 62: Meta Platforms Inc.: Products and Services Table 63: Microsoft Corp.: Net Revenue, 2020-2022 Table 64: Microsoft Corp.: Products and Services Table 65: OpenAI LP: Products and Services Table 66: Oracle Corp.: Net Revenue, 2020-2022 Table 67: Oracle Corp.: Products and Services Table 68: SAP SE: Net Revenue, 2020-2022 Table 69: SAP SE.: Products and Services Table 70: SAS Institute Inc.: Net Revenue, 2020-2022 Table 71: SAS Institute Inc.: Products and Services Table 72: SoundHound AI Inc.: Net Revenue, 2020-2022 Table 73: SoundHound AI Inc.: Products and Services



Table 74: Verint Systems Inc.: Net Revenue, 2020-2022 Table 75: Verint Systems Inc.: Products and Services



List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Shares of NLP, by Region, 2022 Figure 1: Value-Chain Analysis of Market for NLP Figure 2: Global Market Shares of NLP, by Segment, 2022 Figure 3: Global Market Shares of NLP, by Deployment, 2022 Figure 4: Global Market Shares of NLP, by Organization Size, 2022 Figure 5: Global Market Shares of NLP, by Type, 2022 Figure 6: Global Market Shares of NLP, by Application, 2022 Figure 7: Global Market Shares of NLP, by Industry Vertical, 2022 Figure 8: Global Market Shares of NLP, by Region, 2022 Figure 9: U.S. Market for NLP, 2022-2028 Figure 10: Canadian Market for NLP, 2022-2028 Figure 11: Mexican Market for NLP, 2022-2028 Figure 12: U.K. Market for NLP, 2022-2028 Figure 13: German Market for NLP, 2022-2028 Figure 14: French Market for NLP, 2022-2028 Figure 15: Spanish Market for NLP, 2022-2028 Figure 16: Rest of European Market for NLP, 2022-2028 Figure 17: Chinese Market for NLP, 2022-2028 Figure 18: Japanese Market for NLP, 2022-2028 Figure 19: Indian Market for NLP, 2022-2028 Figure 20: Rest of Asia-Pacific Market for NLP, 2022-2028 Figure 21: Latin American Market for NLP, 2022-2028 Figure 22: Middle Eastern and African Market for NLP, 2022-2028 Figure 23: Global NLP Patent Applications and Patents Granted, by Year, 2018-2022 Figure 24: Emerging Trends in the Global Market for NLP Figure 25: Mergers and Acquisitions in the NLP Industry, by Year, 2021-2023 Figure 26: Distribution Share of Mergers and Acquisitions in the NLP Industry, by Region, 2021-2023 Figure 27: Global Market Shares for NLP, by Key Players, 2022 Figure 28: 3M: Sales Share, by Business Segment, 2022 Figure 29: 3M: Sales Share, by Region, 2022 Figure 30: Alphabet Inc.: Revenue Share, by Business Segment, 2022 Figure 31: Alphabet Inc.: Revenue Share, by Region/Country, 2022 Figure 32: Amazon Inc.: Sales Share, by Business Segment, 2022 Figure 33: Amazon Inc.: Sales Share, by Region/Country, 2022



Figure 34: Apple Inc.: Sales Share, by Business Segment, 2022 Figure 35: Apple Inc.: Sales Share, by Region/Country, 2022 Figure 36: Hewlett Packard Enterprise: Sales Share, by Business Segment, 2022 Figure 37: Hewlett Packard Enterprise: Sales Share, by Region/Country, 2022 Figure 38: IBM Corp.: Revenue Share, by Business Segment, 2022 Figure 39: IBM Corp.: Sales Share, by Region, 2022 Figure 40: Intel Corp.: Revenue Share, by Business Segment, 2022 Figure 41: Intel Corp.: Sales Share, by Region/Country, 2022 Figure 42: IQVIA: Revenue Share, by Business Segment, 2022 Figure 43: IQVIA: Sales Share, by Region, 2022 Figure 44: Meta Platforms Inc.: Revenue Share, by Business Segment, 2022 Figure 45: Meta Platforms Inc.: Sales Share, by Region/Country, 2022 Figure 46: Microsoft Corp.: Revenue Share, by Business Segment, 2022 Figure 47: Microsoft Corp.: Sales Share, by Country, 2022 Figure 48: Oracle Corp.: Revenue Share, by Business Segment, 2022 Figure 49: Oracle Corp.: Sales Share, by Region/Country, 2022 Figure 50: SAP SE: Revenue Share, by Business Segment, 2022 Figure 51: SAP SE: Sales Share, by Region/Country, 2022 Figure 52: SAS Institute Inc.: Sales Share, by Region/Country, 2022 Figure 53: SoundHound AI Inc.: Revenue Share, by Business Segment, 2022 Figure 54: SoundHound AI Inc.: Sales Share, by Region/Country, 2022

Figure 55: Verint Systems Inc.: Revenue Share, by Business Segment, 2022



I would like to order

Product name: Natural Language Processing (NLP): Global Market Analysis and Insights Product link: <u>https://marketpublishers.com/r/N94BAF6A6B5BEN.html</u>

> Price: US\$ 5,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/N94BAF6A6B5BEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970