

# 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: <https://marketpublishers.com/r/N94BAF6A6B5BEN.html>

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:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

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

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**

Customer signature \_\_\_\_\_

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

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