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Natural Language Processing Market for Health Care and Life Sciences Industry by Type (Rule-Based, Statistical, & Hybrid NLP Solutions), Region (North America, Europe, Asia-Pacific, Middle East and Africa, Latin America) - Global Forecast to 2020

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Abstracts

The advent of Electronic Health Records (EHR) has prioritized the use of innovative technologies. Many healthcare and life sciences business organizations are progressively seeking high end NLP technologies which would provide them better and quick access to the clinical data to derive better results for medical diagnosis. There is an explosive growth of unstructured clinical data, and healthcare firms are deploying solutions to utilize this unstructured data for many functions, such as to retrieve patient's history, to reduce the readmission of the patients for particular diseases, and to generate reminders for the physicians.

The type of Natural Language Processing (NLP) solutions for the healthcare and life sciences industry are broadly categorized into rule-based, statistical, and hybrid NLP solutions. The rule-based NLP technologies work on the basis of certain set of rules provided by humans. The statistical NLP solutions which incorporate high end technologies such as machine learning, use the cause and effect relationship to derive a solution, and the hybrid NLP is the combination of both rule-based and statistical NLP technologies.

The NLP market for healthcare and life sciences industry is also segmented on the basis of technologies, which include interactive voice response, optical character recognition, pattern and image recognition, auto coding, classification and categorization, text analytics, and speech analytics. However, the NLP market for the healthcare and life sciences industry is also segmented on the basis of deployment

model into on premises and on demand deployment models for the NLP solutions.

This market research report consists of the detailed analysis, market sizing, and forecasting for the emerging submarkets of the NLP market for healthcare and life sciences industry. The report is segmented on the basis of type of NLP solutions, technologies, services, deployment models, and regions. The NLP market for healthcare and life sciences industry research report analyzes global adoption trends, future growth potential, key drivers, competitive outlook, restraints, opportunities, market ecosystem, and emerging technologies in this market.

The report is expected to help the market leaders/new entrants in this market in the following ways:

1. The NLP market for healthcare and life sciences industry report segments the market into types, technologies, services, deployment models, and regions covering this market comprehensively. The report provides the closest approximations of the revenue numbers for the overall market and the sub-segments.
2. The NLP market for healthcare and life sciences industry report will help them better understand the competitors and gain more insights to better position their business. There is a separate section on competitive landscape that includes competitors' ecosystem and their roles in the market. Besides, there are company profiles of the top 10 players in this market. In this section, market internals are provided that can put them ahead of the competitors.

The report will help them understand the overall growth of the market. The report provides information and analysis of key market drivers, restraints, challenges, and opportunities.

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Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY
1.2 MARKET DEFINITION
1.3 MARKET SCOPE
  1.3.1 MARKETS COVERED
  1.3.2 YEARS CONSIDERED
1.4 CURRENCY
1.5 LIMITATION
1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA
  2.1.1 SECONDARY DATA
    2.1.1.1 Key data from secondary sources
  2.1.2 PRIMARY DATA
    2.1.2.1 Key data from primary sources
    2.1.2.2 Breakdown of primaries
2.2 MARKET SIZE ESTIMATION
  2.2.1 BOTTOM-UP APPROACH
  2.2.2 TOP-DOWN APPROACH
2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
2.4 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY
4.2 LIFECYCLE ANALYSIS, BY REGION
4.3 MARKET INVESTMENT SCENARIO

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 EVOLUTION
5.3 MARKET SEGMENTATION
5.4 MARKET DYNAMICS
5.4.1 DRIVERS
5.4.1.1 Explosive growth of data
5.4.1.2 Increasing utilization of the internet
5.4.1.3 Increase in the use of connected devices
5.4.2 RESTRAINTS
5.4.2.1 Lack in collaborative adoption lack of awareness
5.4.2.2 Governmental regulations
5.4.3 OPPORTUNITIES
5.4.3.1 Growing need for “personalized medicine”
5.4.3.2 Need to raise disease awareness
5.4.4 CHALLENGES
5.4.4.1 Ambiguity in the medical terms
5.4.4.2 Multilingual patients

6 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY TYPE

6.1 INTRODUCTION
6.2 RULE-BASED NLP
6.3 STATISTICAL NLP
6.4 HYBRID NLP

7 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY TECHNOLOGY

7.1 INTRODUCTION
7.2 INTERACTIVE VOICE RESPONSE
7.3 OPTICAL CHARACTER RECOGNITION
7.4 PATTERN AND IMAGE RECOGNITION
7.5 AUTO CODING
7.6 CLASSIFICATION AND CATEGORIZATION
7.7 TEXT ANALYTICS
7.8 SPEECH ANALYTICS

8 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY SERVICE

8.1 INTRODUCTION
8.2 PROFESSIONAL SERVICES
8.3 SUPPORT AND MAINTENANCE SERVICES

9 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY DEPLOYMENT MODEL

9.1 INTRODUCTION
9.2 ON-PREMISES
9.3 ON-DEMAND

10 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, CASE STUDY

10.1 INTRODUCTION
10.2 HEALTHCARE AND LIFE SCIENCES
10.3 MARKET PROBLEM (CASE STUDY)
  10.3.1 INTRODUCTION
  10.3.2 PROBLEM STATEMENT 1
  10.3.3 SOLUTION 1
  10.3.4 PROBLEM STATEMENT 2
  10.3.5 SOLUTION 2
  10.3.6 PROBLEM STATEMENT 3
  10.3.7 SOLUTION 3

11 GEOGRAPHIC ANALYSIS

11.1 INTRODUCTION
11.2 NORTH AMERICA
  11.2.1 U.S.
11.3 EUROPE
  11.3.1 U.K.
11.4 ASIA-PACIFIC
11.5 MIDDLE EAST AND AFRICA
11.6 LATIN AMERICA

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW
12.2 COMPETITIVE SITUATION AND TRENDS
12.2.1 PARTNERSHIPS, COLLABORATIONS, AND AGREEMENTS
12.2.2 NEW PRODUCT LAUNCHES
12.2.3 ACQUISITIONS
12.2.4 VENTURE FUNDING

13 COMPANY PROFILES

13.1 INTRODUCTION

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View)*

13.2 3M
13.3 INTERNATIONAL BUSINESS MACHINES CORPORATION
13.4 MICROSOFT CORPORATION
13.5 NUANCE COMMUNICATION INC.
13.6 CERNER CORPORATION
13.7 OPTUM, INC.
13.8 LINGUAMATICS
13.9 HEALTH FIDELITY
13.10 APIXIO
13.11 MMODAL IP LLC
13.12 DOLBEY SYSTEMS
13.13 CLINITHINK INC.

*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS OF INDUSTRY EXPERTS
14.2 DISCUSSION GUIDE
14.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
14.4 AVAILABLE CUSTOMIZATIONS
14.5 RELATED REPORTS

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List Of Tables

LIST OF TABLES

Table 1 NATURAL LANGUAGE PROCESSING MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 2 RULE-BASED NLP: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 3 STATISTICAL NLP: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 4 HYBRID NLP: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 5 NATURAL LANGUAGE PREOCESSING FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY TECHNOLOGY, 2013–2020 (USD MILLION)
Table 6 INTERACTIVE VOICE RESPONSE: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 7 INTERACTIVE VOICE RESPONSE: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 8 OPTICAL CHARACTER RECOGNITION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 9 OPTICAL CHARACTER RECOGNITION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 10 PATTERN AND IMAGE RECOGNITION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 11 PATTERN AND IMAGE RECOGNITION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 12 AUTO CODING: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 13 AUTO CODING: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 14 CLASSIFICATION AND CATEGORIZATION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 15 CLASSIFICATION AND CATEGORIZATION: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 16 TEXT ANALYTICS: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)

Table 17 TEXT ANALYTICS: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 18 SPEECH ANALYTICS: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 19 SPEECH ANALYTICS: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 20 NATURAL LANGUAGE PROCESSING FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY SERVICE, 2013–2020 (USD MILLION)
Table 21 PROFESSIONAL SERVICES: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 22 SUPPORT AND MAINTENANCE SERVICES: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 23 NATURAL LANGUAGE PROCESSING FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, BY DEPLOYMENT MODEL, 2013–2020 (USD MILLION)
Table 24 ON-PREMISES DEPLOYMENT MODEL: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 25 ON-DEMAND DEPLOYMENT MODEL: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 26 OVERALL NATURAL LANGUAGE PROCESSING MARKET SIZE FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, 2013–2020 (USD MILLION)
Table 27 NATURAL LANGUAGE PROCESSING FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)
Table 28 NORTH AMERICA: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 29 U.S.: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 30 EUROPE: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 31 U.K.: NATURAL LANGUAGE PROCESSING MARKET SIZE, BY VERTICAL, 2013–2020 (USD MILLION)
Table 32 ASIA-PACIFIC: NATURAL LANGUAGE PROCESSING SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 33 MIDDLE EAST & AFRICA: NATURAL LANGUAGE PROCESSING SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 34 LATIN AMERICA: NATURAL LANGUAGE PROCESSING SIZE, BY TYPE, 2013–2020 (USD MILLION)
Table 35 PARTNERSHIPS, COLLABORATIONS, AND AGREEMENTS, 2009–2015
Table 36 NEW PRODUCT LAUNCHES, 2012–2015
Table 37 ACQUISITIONS, 2012–2015

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Table 38 VENTURE FUNDING, 2014-2015

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List Of Figures

LIST OF FIGURES

Figure 1 RESEARCH DESIGN
Figure 2 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH
Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
Figure 4 DATA TRIANGULATION
Figure 5 GLOBAL NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES: ASSUMPTIONS
Figure 6 THE EVOLUTION OF NATURAL LANGUAGE PROCESSING
Figure 7 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET SHARE IN 2015
Figure 8 TOP THREE SEGMENTS IN THE NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY, 2015–2020
Figure 9 GROWTH TREND OF NATURAL LANGUAGE PROCESSING MARKET FOR THE HEALTHCARE AND LIFE SCIENCES INDUSTRY (2015–2020)
Figure 10 NATURAL LANGUAGE PROCESSING MARKET FOR THE HEALTHCARE AND LIFE SCIENCES INDUSTRY: MARKET SHARE OF TOP THREE TYPES OF SOLUTIONS AND TECHNOLOGIES
Figure 11 GEOGRAPHIC LIFECYCLE ANALYSIS (2015): MIDDLE EAST AND AFRICA IS EXPECTED TO GROW AT THE HIGHEST RATE
Figure 12 MARKET INVESTMENT SCENARIO: MIDDLE EAST AND AFRICA AND LATIN AMERICA TO RISE AS THE BEST OPPORTUNITY MARKETS FOR INVESTMENT IN DURING THE FORECAST PERIOD
Figure 13 EVOLUTION OF NATURAL LANGUAGE PROCESSING
Figure 14 MARKET SEGMENTATION OF NLP FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY
Figure 15 NATURAL LANGUAGE PROCESSING MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY: DRIVERS, RESTRAINTS, OPPORTUNITITES, AND CHALLENGES
Figure 16 RULE-BASED NLP IS EXPECTED TO LEAD THE NLP MARKET FOR THE HEALTHCARE AND LIFE SCIENCES INDUSTRY IN 2015
Figure 17 IVR TECHNOLOGY IS ESTIMATED TO HOLD THE LARGEST MARKET SIZE IN 2015
Figure 18 PROFESSIONAL SERVICES TO HAVE THE LARGEST MARKET SIZE IN 2015
Figure 19 THE ON-DEMAND DEPLOYMENT MODEL IS ESTIMATED TO HOLD THE LARGEST MARKET SHARE IN 2015

Figure 20 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET SHARE WHILE MIDDLE EAST AND AFRICA IS EXPECTED TO GROW AT THE HIGHEST CAGR
Figure 21 NORTH AMERICA IS ESTIMATED TO HOLD THE LARGEST MARKET SHARE IN 2015
Figure 22 NORTH AMERICA NLP MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY EVALUATION
Figure 23 EUROPE NLP MARKET FOR HEALTHCARE AND LIFE SCIENCES INDUSTRY EVALUATION
Figure 24 COMPANIES ADOPTED PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS AS THE KEY GROWTH STRATEGY DURING 2009–2015
Figure 25 MICROSOFT AND 3M REGISTERED AN INCREASE IN REVENUE BETWEEN 2012 AND 2014
Figure 26 BATTLE FOR MARKET SHARE: PARTNERSHIPS, AGREEMENT AND COLLABORATIONS ARE THE KEY STRATEGY
Figure 27 GEOGRAPHIC REVENUE MIX OF THE TOP MARKET PLAYERS
Figure 28 3M: COMPANY SNAPSHOT
Figure 29 3M: SWOT ANALYSIS
Figure 30 IBM: COMPANY SNAPSHOT
Figure 31 IBM: SWOT ANALYSIS
Figure 32 MICROSOFT CORPORATION: COMPANY SNAPSHOT
Figure 33 MICROSOFT CORPORATION: SWOT ANALYSIS
Figure 34 NUANCE COMMUNICATION: COMPANY SNAPSHOT
Figure 35 NUANCE COMMUNICATION: SWOT ANALYSIS
Figure 36 CERNER CORPORATION: COMPANY SNAPSHOT
Figure 37 CERNER CORPORATION: SWOT ANALYSIS
Figure 38 OPTUM, INC.: COMPANY SNAPSHOT
Figure 39 OPTUM, INC.: SWOT ANALYSIS

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