Natural Language Processing (NLP) - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Natural Language Processing (NLP) in US$ Million. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America.

Annual estimates and forecasts are provided for the period 2013 through 2020. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 60 companies including many key and niche players such as -

3M Company
Apixio, Inc.
Apple Inc.
Cerner Corporation
Dolbey Systems, Inc.

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
A Prelude
Increased Need to Process Unstructured Data: A Key Rationale Driving Adoption of NLP Technologies
NLP Emerges as Key Element in Content Categorization
Growing Uptake of Big Data Creates Parallel Opportunities for NLP
Demand for NLP Tools Set to Accelerate Amid Growing Importance of Social Media Monitoring
Potential Areas for NLP in Social Media Monitoring
Social Media Analytics
Sentiment Analysis
Growing Importance of Text Analytics Gives Impetus to Market Growth
Use Cases for Text Analytics by Sector: A Snapshot
NLP Identifies Potential Opportunities in Speech Analytics
NLP Assumes Critical Importance in Spam Mail Blocking
Outlook

2. MARKET DYNAMICS
Smartphones & Tablet PCs: High-Potential Frontiers for NLP
Table 1: Global Smartphone Market (2014 & 2020): Breakdown of Shipments in Million Units by Geographic Region (includes corresponding Graph/Chart)
Healthcare & Life Sciences Sectors: Major Consumers of NLP Technologies
Noteworthy Applications for NLP in Healthcare & Life Sciences Verticals: A Review
Cohort Identification
Decision Making & Follow-Up Recommendations
Healthcare Quality Research
Personalized Medicine
Text Summarization
Drug Development
BioSurveillance
NLP Seeks Bigger Role in Financial Services Sector
Insurance Agencies Aim to Leverage the Adeptness of NLP Platform
Legal Entities Prioritize NLP for Content Management
Increased Use of Speech Technology to Offer New Opportunities to NLP in the Automotive Sector
Table 2: Global Market for Passenger Cars (2014 & 2020): Annual Sales Figures in '000 Units by Region/Country (includes corresponding Graph/Chart)
Table 3: Global Market for Passenger Cars (2014 & 2020): Annual Production Figures in '000 Units by Region/Country (includes corresponding Graph/Chart)

3. MARKET TRENDS & GROWTH DRIVERS
NLP Makes Progress in IVR
Table 4: World Market for Interactive Voice Response (IVR) Systems (2014): Percentage Breakdown of Investments by Region/Country (includes corresponding Graph/Chart)
Optical Character Recognition Aims to Integrate NLP for Further Improvements
Image Recognition: The Novel Area for NLP
NLP Perceives Potential Use Case in Machine Translation
NLP in Knowledge Extraction Applications
Growth in M2M Communication Signifies the Role of NLP
NLP Identifies New Prospects in the Wearable Devices Vertical
Rule-based Method: The Conventional NLP Model
Statistical Method Gains Traction
Cloud-Based NLP Poised to Drive Market Expansion
On-Premises Vs. Cloud-based NLP: A Cost Comparison Analysis
Availability of Open Source Platforms Bodes Well for Market Growth

4. PRODUCT/TECHNOLOGY OVERVIEW
Introduction
Input & Output Mediums
Methods of NLP
Rule-based Method
Statistical Method
Hybrid Approach
Techniques Used in NLP
Tokenization
Sentence & Structure Identification
Stemming
Part-Of-Speech (POS) Tagging
Named Entity Recognition (NER)
Syntactic Parsing
Normalization
Semantics
Key Applications of NLP
Machine Translation
Sorting & Classification of Information
Knowledge Extraction
Question Answering
Recognition Technologies
Speech Recognition
Other Applications
Deployment Type
On-Premise
Cloud-based NLP
Services
End-Use Sectors

5. PRODUCT INTRODUCTIONS/LAUNCHES
Verint® Systems Introduces Enhanced Verint Speech Analytics™ Platform
IBM Integrates New Capabilities into Watson Analytics
IBM Launches Watson Natural Language Classifier
Attensity Unveils Attensity Semantic Annotation with SDK
Glint Adds NLP to Comment Analytics Employee Engagement Platform
Interactions Establishes New Technology Labs for NLP
Digital Reasoning Introduces Beta Program for Synthesys Studio
Quelon Launches Novel QuACS Commenting System
Linguamatics Introduces I2E 4.3 NLP Text Mining and Analytics Platform
Lingofly Introduces Knowledge Sharing Platform
Google Launches Google Now for Chrome Browser
IBM Launches Watson Analytics
LinguaSys Develops GlobalNLP™ API Portal
Medicalis Launches New NLP Feature for its Decision Support Platform
Text Analysis International Unveils NLP Cloud
Rosoka Software Launches New Rosoka 3.2
Speaktoit Launches api.ai Natural Language Understanding API
Scribble Technologies Launches New ScribbleLive Social Discovery
Aylien Introduces Novel Text Analysis SDKs
Google Unveils Google Now for iOS
BrainDistrict Launches RaySupreme
PALS INTERNATIONAL Launches New NLP Tool for Automotive Industry

6. RECENT INDUSTRY ACTIVITY
NurseWise Licenses Telemedicine NLP from Health Navigator
Bloomfire Inks Partnership with IBM Watson to Improve Searchability
Linguastat Receives Patent for Natural Language AI Technology
AYLIEN Teams Up with Imagga
Nihilent Inks Partnership with Brightleaf Solutions
Idibon Collaborates with UNICEF to Offer NLP to Social Monitoring Systems in Africa
SyTrue Inks Multi-Year Agreement with XIFIN
Aylien Launches New NLP Add-On for Google Chrome
Openstream Joins Hands with LinguaSys
Intel Takes Over Ginger Software
Rosoka Software Expands NLP Product Line
WordLogic Inks Partnership with OFAI
Verint Systems Separates from Comverse Technologies
Yahoo Takes Over SkyPhrase
Intel Acquires Indisys

7. FOCUS ON SELECT GLOBAL PLAYERS
3M Company (US)
Apixio, Inc. (US)
Apple Inc. (US)
Cerner Corporation (US)
Dolbey Systems, Inc. (US)
Google Inc. (US)
International Business Machines Corporation (IBM) (US)
Linguamatics (UK)
Microsoft Corporation (US)
NetBase Solutions, Inc. (US)
Nuance Communications, Inc. (US)
Optum, Inc. (US)
SAS Institute, Inc. (US)
Text Analysis International (US)
Verint Systems Inc. (US)

8. GLOBAL MARKET PERSPECTIVE
Table 5: World Recent Past, Current and Future Analysis for Natural Language Processing (NLP) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 6: World 8-Year Perspective for Natural Language Processing (NLP) by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa and Latin America Markets for Years 2013, 2015, and 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
A.Market Analysis
Outlook
Market Senses High-Growth Opportunities in the Sprawling Healthcare & Life Sciences Sectors
ICD-10 Transition Set to Accelerate the Demand for NLP
US Enterprises Prioritize NLP in Social Media Monitoring
Growing Popularity of Big Data Analytics among US Enterprises Builds Momentum for NLP
Product Launches
Strategic Corporate Developments
Select Players

B. Market Analytics
Table 7: US Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Outlook
Product Launch
Corporate Development
B. Market Analytics
Table 8: Canadian Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Outlook
Japanese Automakers’ Penchant for Speech Technology Bodes Well for NLP
Table 9: Japanese Passenger Cars Market (2014 & 2020): Annual Sales & Production Figures in ‘000 Units (includes corresponding Graph/Chart)
Product Launch
B. Market Analytics
Table 10: Japanese Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Outlook
NLP Making a Move in the European Commercial Enterprise Sector
B. Market Analytics
Table 11: European Recent Past, Current and Future Analysis for Natural Language Processing (NLP) by Geographic Region
Table 12: European 8-Year Perspective for Natural Language Processing (NLP) by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2013, 2015, and 2020 (includes corresponding Graph/Chart)
4a. FRANCE
Market Analysis
Table 13: French Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4b. GERMANY
A. Market Analysis
Outlook
Cloud NLP Gains Traction
Product Launch
B. Market Analytics
Table 14: German Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4c. ITALY
Market Analysis
Table 15: Italian Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4d. THE UNITED KINGDOM
A. Market Analysis
Outlook
NLP Gains Traction in Content Categorization among UK Enterprises
Product Launch
Linguamatics - A Key Player
B. Market Analytics
Table 16: UK Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4e. SPAIN
A. Market Analysis
Outlook
Corporate Development
B. Market Analytics
Table 17: Spanish Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4f. RUSSIA
Market Analysis
Table 18: Russian Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
4g. REST OF EUROPE
A. Market Analysis
Outlook
Product Launch
Corporate Development
B. Market Analytics
Table 19: Rest of Europe Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
5. ASIA-PACIFIC
A. Market Analysis
Outlook
Asia-Pacific: The Rapidly Growing Regional Market
B. Market Analytics
Table 20: Asia-Pacific Recent Past, Current and Future Analysis for Natural Language Processing (NLP) by Geographic Region - China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 21: Asia-Pacific 8-Year Perspective for Natural Language Processing (NLP) by Geographic Region - Percentage Breakdown of Revenues for China, India, and Rest of Asia-Pacific Markets for Years 2013, 2015, and 2020 (includes corresponding Graph/Chart)
5a. CHINA
A. Market Analysis
Outlook
Strong Demand for Smartphones & Tablet PCs Augurs Well for NLP
B. Market Analytics
Table 22: Chinese Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
5b. INDIA
A. Market Analysis
Outlook
Corporate Development
B. Market Analytics
Table 23: Indian Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
5c. REST OF ASIA-PACIFIC
A. Market Analysis
Outlook
Product Launch
B. Market Analytics
Table 24: Rest of Asia-Pacific Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
6. MIDDLE EAST & AFRICA
A. Market Analysis
Outlook
Corporate Development
B. Market Analytics
Table 25: Middle East & Africa Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

7. LATIN AMERICA
Market Analysis
Table 26: Latin American Recent Past, Current and Future Analysis for Natural Language Processing (NLP) by Geographic Region - Brazil, and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 27: Latin American 8-Year Perspective for Natural Language Processing (NLP) by Geographic Region - Percentage Breakdown of Revenues for Brazil, and Rest of Latin America Markets for Years 2013, 2015, and 2020 (includes corresponding Graph/Chart)
7a. BRAZIL
Market Analysis
Table 28: Brazilian Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
7b. REST OF LATIN AMERICA
Market Analysis
Table 29: Rest of Latin America Recent Past, Current and Future Analysis for Natural Language Processing (NLP) Market with Annual Revenues in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 60 (including Divisions/Subsidiaries - 63)

The United States (47)
Canada (1)
Japan (1)
Europe (10)
- Germany (1)
- The United Kingdom (4)
- Italy (1)
- Rest of Europe (4)
Asia-Pacific (Excluding Japan) (2)
Middle East (2)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3502818/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Natural Language Processing (NLP) - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/3502818/
Office Code: SCH3WCOU

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6300</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users</td>
<td></td>
<td>USD 8550</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users</td>
<td></td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:    
First Name:  
Email Address: * 
Job Title:  
Organisation:  
Address:  
City:  
Postal / Zip Code:  
Country:  
Phone Number:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
- Account number: 833 130 83
- Sort code: 98-53-30
- Swift code: ULSBIE2D
- IBAN number: IE78ULSB98533083313083
- Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ___________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World