

Technology Landscape, Trends and Opportunities in the Global Natural Language Processing Market

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Abstracts

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The technologies in natural language processing has undergone significant change in recent years, with traditional neural network models t%li%advanced pretrained language models. The rising wave of new technologies, such as IVR and speech analytics are creating significant potential for natural language processing in media and advertising, security, and automotive applications, and driving the demand for natural language processing.

In natural language processing market, various technologies, such as interactive voice response (IVR), optical character recognition (OCR), pattern and image recognition, aut%li%coding, classification and categorization, text analytics, speech analytics, professional services, support and maintenance services are used in various applications. Increasing demand for virtual assistance for easy accessibility of services and growing adoption of cloud-based technology are creating new opportunities for various natural language processing technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the natural language processing market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global natural language processing technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology [\$M shipment analysis from 2018 to 2030]:

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Automatic Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Media and Advertising

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Security

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Automotive

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Healthcare

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Retail

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Fintech

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Manufacturing

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Others

Interactive Voice Response (IVR)

Optical Character Recognition (OCR)

Pattern and Image Recognition

Aut%li%Coding

Classification and Categorization

Text Analytics

Speech Analytics

Professional Services

Support and Maintenance Services

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018
t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Natural Language Processing Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the natural language processing companies profiled in this report include 3M, Apple Incorporation, Dolby Systems, Google, HPE, IBM Incorporation, Microsoft Corporation, NetBase Solutions, SAS Institute, and Verint Systems.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the natural language processing market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in natural language processing market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in natural language processing market?

Q.6 What are the latest developments in natural language processing technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this natural language processing market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this natural language processing technology space?

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