

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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