Natural Language Processing in Finance Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-07-29 | 220 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User $4850.00
- Multi User $5350.00
- Enterprise User $8350.00

Report description:

Natural Language Processing in Finance Market size is set to record over 25% CAGR from 2024 to 2032 driven by the rise of fintech startups and a surge in new industry entrants.
Several companies are harnessing natural language processing (NLP) to bolster financial analysis, automate customer service, and refine decision-making processes. These advancements empower fintech firms to sift through vast data volumes, glean valuable insights, and offer tailored financial services. As a result, innovations are fine-tuning algorithms to boost accuracy and broaden the spectrum of automatable financial tasks. For example, in May 2023, Lingua Custodia, a fintech firm at the forefront of NLP in finance, unveiled its inaugural platform, exclusively tailored for financial applications.
The NLP in finance industry is segmented into component, technology, application, industry vertical, and region.
The market share from the software component segment will record a decent growth rate between 2024 and 2032, driven by its pivotal role in optimizing NLP applications. Companies are crafting and integrating sophisticated software tools to decode financial texts, automate data extraction, and refine decision-making. These software components bolster the management of vast financial datasets, trend detection, and insight generation from unstructured data.
In terms of industry vertical, the NLP in finance market value from the insurance segment is anticipated to witness a significant CAGR from 2024-2032. This surge is attributed to the rising demand for enhanced data analysis and enriched customer interactions. Companies are leveraging NLP to automate claims processing, refine risk assessment, and elevate customer service via chatbots and virtual assistants. Such technologies facilitate in-depth analysis of policy documents and customer communications, leading to precise underwriting and swift response times.
North America natural language processing in finance industry size will record a significant CAGR through 2032 primarily due to the emphasis on regulatory compliance and reporting. Organizations are turning to NLP to navigate intricate regulatory landscapes and streamline compliance reporting. These tools assist in dissecting regulatory documents, automating pertinent information extraction, and ensuring timely, accurate reporting. Furthermore, ongoing innovations promise to bolster adherence to regulatory standards, revolutionizing the compliance and reporting strategies of financial institutions in the region.

Table of Contents:

Report Content
Chapter 1 Scope and Methodology
1.1 Market scope and definition
1.2 Base estimates and calculations
1.3 Forecast parameters
1.4 Data sources
1.4.1 Primary
1.4.2 Secondary
1.4.2.1 Paid sources
1.4.2.2 Public sources
Chapter 2 Executive Summary
2.1 Industry 360 synopsis, 2024 - 2032
2.2 Business trends
2.2.1 Total Addressable Market (TAM), 2024-2032
Chapter 3 Industry Insights
3.1 Industry ecosystem analysis
3.2 Vendor matrix
3.3 Technology and innovation landscape
3.4 Patent analysis
3.5 Key news and initiatives
3.6 Regulatory landscape
3.7 Impact forces
3.7.1 Growth drivers
3.7.1.1 Increasing advancements in AI and ML
3.7.1.2 Rising volume of unstructured data
3.7.1.3 Surge in demand for automation and efficiency
3.7.1.4 Rising shift toward cloud-based services
3.7.1.5 Growing awareness and investment in fintech startups
3.7.2 Industry pitfalls and challenges
3.7.2.1 Data privacy and security
3.7.2.2 Complexity in integration with legacy systems
3.8 Growth potential analysis
3.9 Porter's analysis
3.9.1 Supplier power
3.9.2 Buyer power
3.9.3 Threat of new entrants
3.9.4 Threat of substitutes
3.9.5 Industry rivalry
3.10 PESTEL analysis
Chapter 4 Competitive Landscape, 2023
4.1 Company market share analysis
4.2 Competitive positioning matrix
4.3 Strategic outlook matrix
Chapter 5 Market Estimates and Forecast, By Component, 2021 - 2032 (USD Million)
5.1 Key trends
5.2 Software
5.2.1 Rule-based NLP software

5.2.2 Regular Expression (Regex)
5.2.3 Finite State Machines (FSMs)
5.2.4 Named Entity Recognition (NER)
5.2.5 Part-of-speech (POS) tagging
5.2.6 Statistical NLP software
5.2.7 Naive bayes
5.2.8 Logistics regression
5.2.9 Support Vector Machines (SVMs)
5.2.10 Recurrent Neural Networks (RNNs)
5.2.11 Hybrid NLP software
5.2.12 Latent Dirichlet Allocation (LDA)
5.2.13 Hidden Markov Models (HMMs)
5.2.14 Conditional Random Fields (CRFs)
5.3 Services
5.3.1 Professional services
5.3.1.1 Training and consulting
5.3.1.2 System integration and implementation
5.3.1.3 Support and maintenance
5.3.2 Managed services
Chapter 6 Market Estimates and Forecast, By Technology, 2021 - 2032 (USD Million)
6.1 Key trends
6.2 Machine learning
6.2.1 Supervised learning
6.2.2 Unsupervised learning
6.2.3 Reinforcement learning
6.3 Deep learning
6.3.1 Convolutional Neural Networks (CNN)
6.3.2 Recurrent Neural Networks (RNN)
6.3.3 Transformer models (BERT, GPT-3, etc.)
6.4 Natural language generation
6.4.1 Automated report writing
6.4.2 Customer communication
6.4.3 Financial document generation
6.5 Text Classification
6.5.1 Sentiment classification
6.5.2 Intent classification
6.6 Topic Modeling
6.6.1 Topic identification
6.6.2 Topic clustering
6.6.3 Topic visualization
6.7 Emotion Detection
6.7.1 Emotion recognition
6.7.2 Emotion classification
6.8 Others
Chapter 7 Market Estimates and Forecast, By Application, 2021 - 2032 (USD Million)
7.1 Key trends
7.2 Sentiment analysis

7.2.1 Brand reputation management
7.2.2 Market sentiment analysis
7.2.3 Customer feedback analysis
7.2.4 Product review analysis
7.2.5 Social media monitoring
7.3 Risk management and fraud detection
7.3.1 Credit risk assessment
7.3.2 Fraud detection and prevention
7.3.3 Anti-money Laundering (AML)
7.3.4 Compliance monitoring
7.3.5 Cybersecurity and threat detection
7.4 Compliance monitoring
7.4.1 Regulatory compliance monitoring
7.4.2 KYC/AML compliance monitoring
7.4.3 Legal and policy compliance monitoring
7.4.4 Audit trail monitoring
7.4.5 Trade surveillance
7.5 Investment analysis
7.5.1 Asset allocation and portfolio optimization
7.5.2 Equity research and analysis
7.5.3 Quantitative analysis and modeling
7.5.4 Investment recommendations and planning
7.5.5 Risk management and prediction
7.5.6 Investment opportunity identification
7.6 Financial news and market analysis
7.6.1 Financial news and analysis
7.6.2 Stock market prediction
7.6.3 Macroeconomic analysis
7.7 Customer service and support
7.7.1 Chatbots and virtual assistants
7.7.2 Personalized support and service
7.7.3 Complaint resolution
7.7.4 Query resolution and escalation management
7.7.5 Self-service options
7.8 Document and contract analysis
7.8.1 Contract management
7.8.2 Legal document analysis
7.8.3 Due diligence analysis
7.8.4 Data extraction and normalization
7.9 Speech recognition and transcription
7.9.1 Voice-enabled search and navigation
7.9.2 Speech-to-text conversion
7.9.3 Call transcription and analysis
7.9.4 Voice biometrics and authentication
7.9.5 Speech-enabled virtual assistants
7.10 Language translation
7.10.1 Financial document translation

7.10.2 Investment research translation
7.10.3 Multilingual customer service and support
7.10.4 Cross-border business communication
7.10.5 Localization and internationalization
7.11 Others
Chapter 8 Market Estimates and Forecast, By Industry vertical, 2021 - 2032 (USD Million)
8.1 Key trends
8.2 Banking
8.2.1 Retail banking
8.2.2 Corporate banking
8.2.3 Investment banking
8.2.4 Wealth management
8.3 Insurance
8.3.1 Life insurance
8.3.2 Property and casualty insurance
8.3.3 Health insurance
8.4 Financial services
8.4.1 Credit rating
8.4.2 Payment processing and remittance
8.4.3 Accounting and auditing
8.4.4 Personal finance management
8.4.5 Robo-advisory
8.4.6 Cryptocurrencies and blockchain
8.4.7 Stock movement prediction
8.5 Others
Chapter 9 Market Estimates and Forecast, By Region, 2021 - 2032 (USD Million)
9.1 Key trends
9.2 North America
9.2.1 U.S.
9.2.2 Canada
9.3 Europe
9.3.1 UK
9.3.2 Germany
9.3.3 France
9.3.4 Italy
9.3.5 Spain
9.3.6 Rest of Europe
9.4 Asia Pacific
9.4.1 China
9.4.2 India
9.4.3 Japan
9.4.4 South Korea
9.4.5 ANZ
9.4.6 Rest of Asia Pacific
9.5 Latin America
9.5.1 Brazil
9.5.2 Mexico

9.5.3 Rest of Latin America
9.6 MEA
9.6.1 UAE
9.6.2 Saudi Arabia
9.6.3 South Africa
9.6.4 Rest of MEA
Chapter 10 Company Profiles
10.1 ABBYY
10.2 Amazon Web Services, Inc.
10.3 Automated Insights
10.4 Baidu, Inc.
10.5 BasisTech.
10.6 Bitext Innovations Inc.
10.7 Conversica, Inc.
10.8 Expert.ai S.p.A.
10.9 Google LLC
10.10 IBM Corporation
10.11 Inbenta Holdings Inc.
10.12 Intercom
10.13 Kasisto, Inc.
10.14 Kensho Technologies, LLC.
10.15 LivePerson.
10.16 Microsoft Corporation
10.17 Monitaur, Inc.
10.18 Mosaic Data Science
10.19 Nuance Communications, Inc.
10.20 Oracle
10.21 Qualtrics
10.22 SAS Institute Inc.
10.23 Uniphore Technologies Inc.
10.24 Veritone, Inc.

Natural Language Processing in Finance Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-07-29 | 220 pages | Global Market Insights

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	$4850.00
	Multi User	$5350.00
	Enterprise User	$8350.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-05
		Signature	