



19

<https://www.predictiveanalyticstoday.com/text-analytics/>



0

WHAT IS TEXT ANALYTICS?



What is Text Analytics?



1

Text Mining



2

Text Parsing



3

Text Identification



4

Text Extraction



5

Text Categorization



6

Text Clustering



7



8



GO

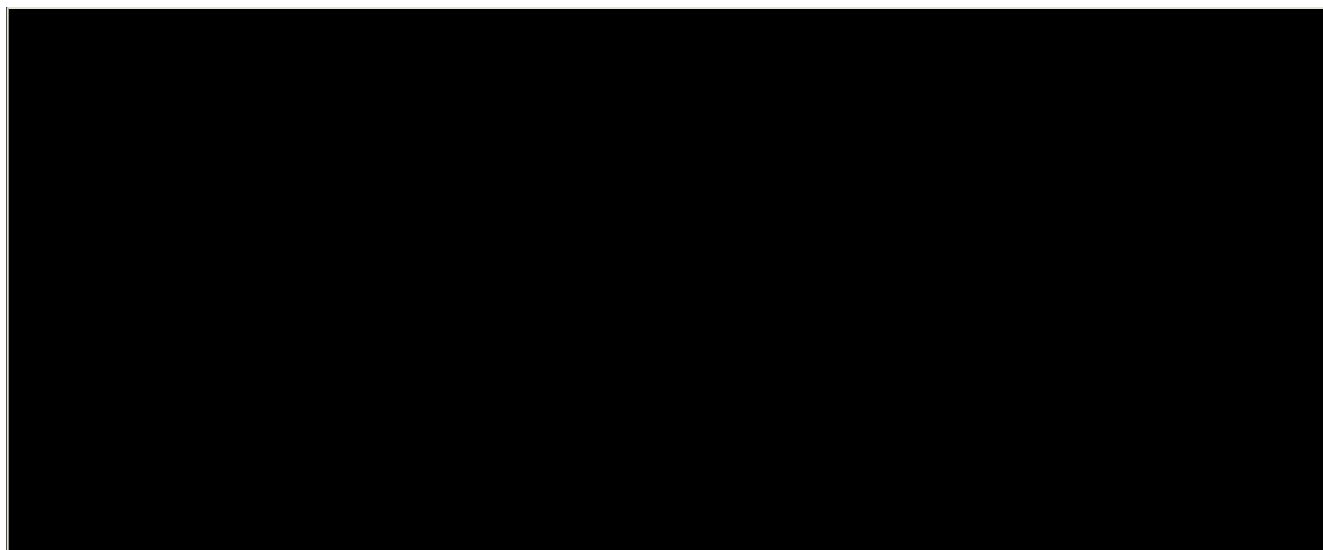
★★★★★
4.5 (89.55%) 134
ratings

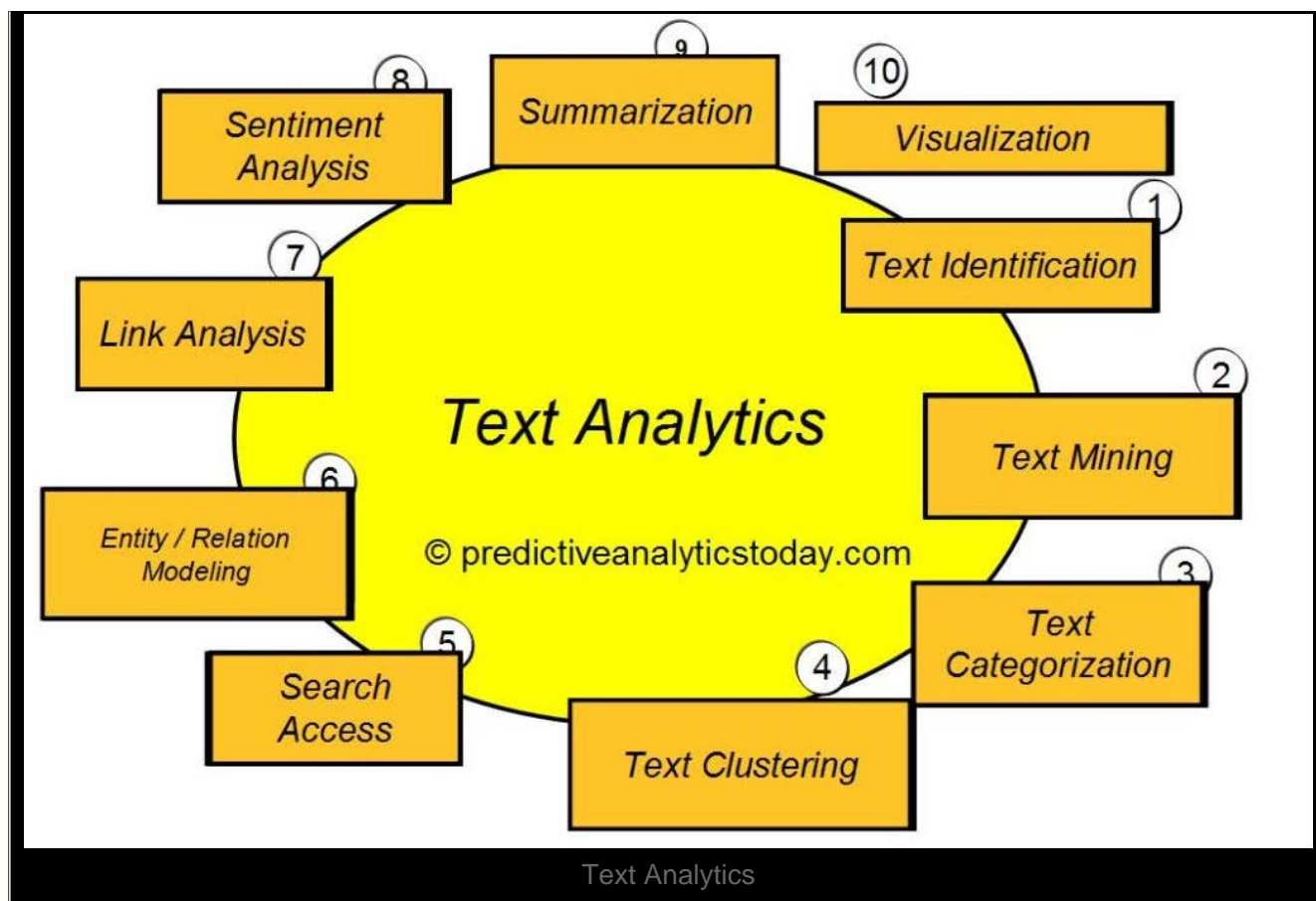
Text Analytics is the
process of
converting

unstructured text data into meaningful data for analysis, to measure customer opinions, product reviews, feedback, to provide search facility, sentimental analysis and entity modeling to support fact based decision making. Text analysis uses many linguistic, statistical, and machine learning techniques. Text Analytics involves information retrieval from unstructured data and the process of structuring the input text to derive patterns and trends and evaluating and interpreting the output data. It also involves lexical analysis, categorization, clustering, pattern recognition, tagging, annotation, information extraction, link and association analysis, visualization, and [predictive analytics](#). Text Analytics determines key words, topics, category, semantics, tags from the millions of text data available in an organization in different files and formats. The term Text Analytics is roughly synonymous with text mining.

[Text analytics software solutions](#) provide tools, servers, analytic algorithm based applications, data mining and extraction tools for converting unstructured data into meaningful data for analysis. The outputs, which are extracted entities, facts, relationships are generally stored in a relational, XML, and other data warehousing applications for analysis by other tools such as business intelligence tools or big data analytics or predictive analytics tools.

Text Analytics Process Flow





Process and Features of Text Analytics Software

1. Text mining, Text parsing, Text Identification, Text extraction, Text categorization, Text clustering.
2. Extraction of concepts, entities, relations, events.
3. Creation of taxonomies.
4. Search Access, Web crawling, indexing, duplicate document identification.
5. Analyze all major file formats and all major languages- Natural Language/Semantic Toolkits.
6. Entity relation modeling.
7. Link analysis, link text repositories.
8. Ability to identify and analyze sentiments, people, places and other information from websites, internal files, reports, surveys, forms, employee surveys, claims, underwriting notes, medical records, emails, news, blogs, social media, customer surveys, market surveys, online forums, online reviews, review sites, scientific journals, website feedback, call center logs, transcripts, snail mail, sales notes.
9. Document summarization features and records management.
10. Interactive visualization.

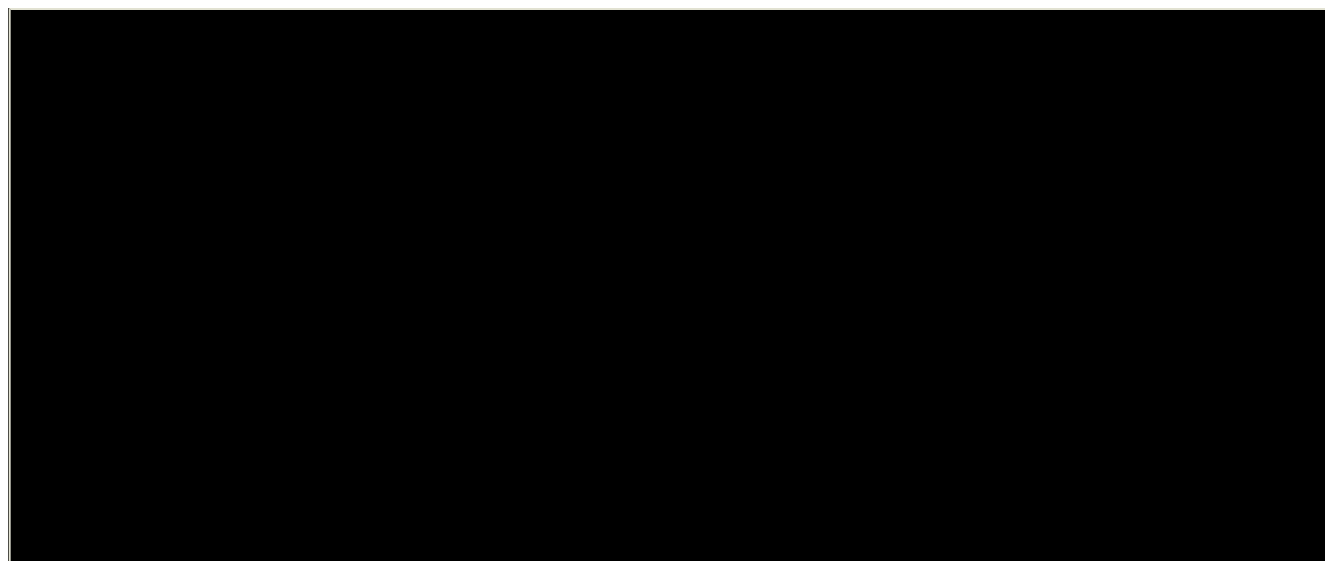
Applications of Text Analytics

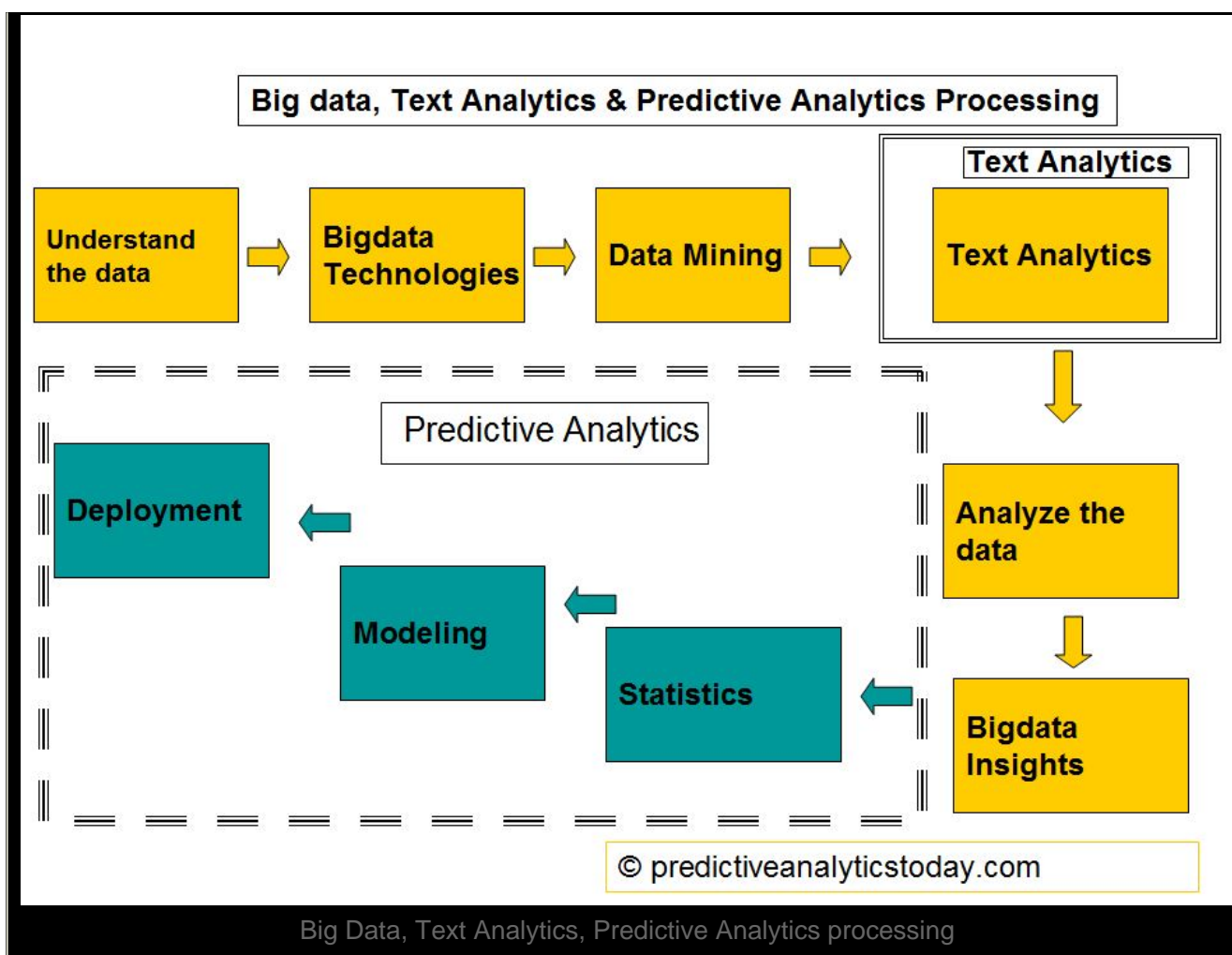
1. Sentiment Analysis
2. Search access of unstructured data
3. Email spam filters to determine the characteristics of messages to filter that are likely to be advertisements or promotional, phishing or unwanted material
4. Automated ad placement
5. Social media monitoring
6. Competitive intelligence
7. Enterprise business intelligence and data mining
8. E-Discovery, records management
9. National security and intelligence
10. Scientific discovery, especially life sciences
11. Competitive intelligence

Big data, Text Analytics and Predictive Analytics

The big data analytics, [data mining](#) and [text analytics](#) along with [statistics](#), delivers the capabilities to business users to create predictive intelligence by uncovering patterns and relationships in both the structured and unstructured data. For more information on big data analytics and predictive analytics processing, please review the following article:

Big data Analytics and Predictive Analytics



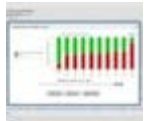










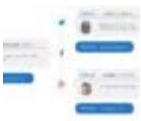







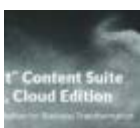









Top Text Analytics Software



















SAS Text Miner, Provalis Research Text Analytics Software, Google Cloud Prediction API, DiscoverText, IBM SPSS Text Analytics, Datumbox, Lexalytics Saliency, Microsoft Azure Text Analytics API, Sysomos, IBM Watson Natural Language Understanding, Expert System, Twinword, UltiPro Perception, Google Cloud Natural Language API, Thematic, OpenText, Stratifyd, Semantria for Excel, Narrative Science Quill, indico, Clarabridge, MeaningCloud, Bitext, LingPipe, Medallia, Luminoso, STATISTICA Text Miner, Pingar DiscoveryOne, Brainspace, Keatext, Abzooba, OdinText, Semantria, NetOwl, TheySay, WordStat, Etuma, Smartlogic, Synapsify, Megaputer, AYLIEN, Text2data, Rosette Text Analytics, Oracle Endeca Information Discovery, Averbis, Angoos KnowledgeREADER, Buzzlogix, VOZIQ, Verint Systems, Aspect NLU, General Sentiment, Loop Cognitive Computing Appliance, Oracle Social Cloud, TextualETL, muText, ai-one, Ascribe, Language Computer, Open



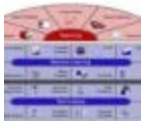













Calais, Semantria API, Rocket Search and Text Analytics, Intellexer, SYSTRAN, Relativity Analytics, SAP HANA Text Analytics, and AUTINDEX are some of the top software for Text Analysis, Text Mining, Text Analytics.






Top software for Text Analysis, Text Mining, Text Analytics

TEXT ANALYSIS, TEXT MINING, TEXT ANALYTICS SOFTWARE				PAT INDEX™	SORT <input type="checkbox"/>
	DiscoverText	7.7 9.3	<input type="checkbox"/> 95	<input type="checkbox"/> Compare	<input checked="" type="checkbox"/>
	IBM SPSS Text Analytics	7.7 8.2	<input type="checkbox"/> 80	<input type="checkbox"/> Compare	
	TheySay	7.7 8.2	<input type="checkbox"/> 74	<input type="checkbox"/> Compare	
	Oracle Social Cloud	8.0 8.1	<input type="checkbox"/> 73	<input type="checkbox"/> Compare	
	Lexalytics Saliency	8.0 8.2	<input type="checkbox"/> 71	<input type="checkbox"/> Compare	
	General Sentiment	7.7 8.4	<input type="checkbox"/> 68	<input type="checkbox"/> Compare	
	Microsoft Azure Text Analytics API	7.7 8.2	<input type="checkbox"/> 67	<input type="checkbox"/> Compare	
	Provalis Research Text Analytics Software	7.8 10	<input type="checkbox"/> 66	<input type="checkbox"/> Compare	
	SAS Text Miner	7.8 7.7	<input type="checkbox"/> 66	<input type="checkbox"/> Compare	
	Verint Systems	7.6 6.5	<input type="checkbox"/> 65	<input type="checkbox"/> Compare	
	IBM Watson Natural Language Understanding	7.9 8.3	<input type="checkbox"/> 64	<input type="checkbox"/> Compare	
	Buzzlogix	8.3 8.5	<input type="checkbox"/> 63	<input type="checkbox"/> Compare	

	 <p>Expert System</p> <p>8.3 8.0 <input type="checkbox"/> 63 Compare</p>
 <p>Twinword</p> <p>7.7 7.8 <input type="checkbox"/> 60 Compare</p>	 <p>Google Cloud Prediction API</p> <p>8.9 8.0 <input type="checkbox"/> 60 Compare</p>
 <p>Google Cloud Natural Language API</p> <p>7.7 8.0 <input type="checkbox"/> 58 Compare</p>	 <p>UltiPro Perception</p> <p>7.7 8.2 <input type="checkbox"/> 57 Compare</p>
 <p>OpenText</p> <p>7.7 8.2 <input type="checkbox"/> 57 Compare</p>	 <p>Stratifyd</p> <p>7.7 9.2 <input type="checkbox"/> 56 Compare</p>
 <p>Medallia</p> <p>9.0 — <input type="checkbox"/> 55 Compare</p>	 <p>Semantria for Excel</p> <p>7.6 — <input type="checkbox"/> 55 Compare</p>
 <p>Thematic</p> <p>7.6 — <input type="checkbox"/> 55 Compare</p>	 <p>Abzooba</p> <p>7.7 7.8 <input type="checkbox"/> 54 Compare</p>
 <p>Narrative Science Quill</p> <p>7.7 8.3 <input type="checkbox"/> 54 Compare</p>	 <p>indico</p> <p>7.7 8.2 <input type="checkbox"/> 53 Compare</p>
 <p>Bitext</p> <p>7.7 8.2 <input type="checkbox"/> 52 Compare</p>	 <p>Brainspace</p> <p>7.7 8.2 <input type="checkbox"/> 52 Compare</p>
<p>LingPipe</p> <p>Compare</p>	<p>MeaningCloud</p> <p>Compare</p>

	7.7 8.2 <input type="checkbox"/> 52 <input type="checkbox"/>		7.7 8.2 <input type="checkbox"/> 52 <input type="checkbox"/>
	Luminoso 7.7 8.2 <input type="checkbox"/> 51 <input type="checkbox"/> Compare		Semantria 7.7 8.2 <input type="checkbox"/> 51 <input type="checkbox"/> Compare
	Keatext 7.7 7.9 <input type="checkbox"/> 51 <input type="checkbox"/> Compare		STATISTICA Text Miner 7.7 8.3 <input type="checkbox"/> 51 <input type="checkbox"/> Compare
	OdinText 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare		Ascribe 7.7 8.3 <input type="checkbox"/> 50 <input type="checkbox"/> Compare
	Rosette Text Analytics 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare		NetOwl 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare
	Pingar DiscoveryOne 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare		Smartlogic 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare
	VOZIQ 7.7 8.2 <input type="checkbox"/> 50 <input type="checkbox"/> Compare		WordStat 7.6 — <input type="checkbox"/> 50 <input type="checkbox"/> Compare
	Etuma 7.7 8.2 <input type="checkbox"/> 49 <input type="checkbox"/> Compare		Synapsify 7.7 8.3 <input type="checkbox"/> 49 <input type="checkbox"/> Compare
	Averbis 7.7 8.2 <input type="checkbox"/> 49 <input type="checkbox"/> Compare		AYLIEN 7.7 8.3 <input type="checkbox"/> 49 <input type="checkbox"/> Compare





			
	Megaputer 7.7 8.2 <input type="checkbox"/> 49 Compare		Oracle Endeca Information Discovery 7.7 8.3 <input type="checkbox"/> 49 Compare
	Angoos KnowledgeREADER 7.7 8.3 <input type="checkbox"/> 49 Compare		Text2data 7.6 — <input type="checkbox"/> 49 Compare
	Loop Cognitive Computing Appliance 7.7 8.2 <input type="checkbox"/> 48 Compare		ai-one 7.7 8.2 <input type="checkbox"/> 48 Compare
	Aspect NLU 7.7 8.2 <input type="checkbox"/> 48 Compare		muText 7.7 8.2 <input type="checkbox"/> 48 Compare
	TextualETL 7.7 8.2 <input type="checkbox"/> 48 Compare		Language Computer 7.7 8.2 <input type="checkbox"/> 48 Compare
	Open Calais 7.6 — <input type="checkbox"/> 48 Compare		Clarabridge 8.0 4.4 <input type="checkbox"/> 47 Compare
	Rocket Search and Text Analytics 7.6 — <input type="checkbox"/> 47 Compare		Semantria API 7.6 — <input type="checkbox"/> 47 Compare
	Intellexer 7.6 — <input type="checkbox"/> 46 Compare		SYSTRAN 7.6 — <input type="checkbox"/> 46 Compare




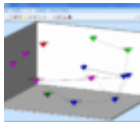












			
	<div>Relativity Analytics</div> <div>7.6 — 46 Compare</div>		<div>PrediCX</div> <div>8.0 8.5 45 Compare </div>


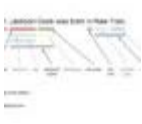

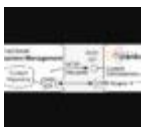

Top Free Text Analytics Software

General Architecture for Text Engineering – GATE, RapidMiner Text Mining Extension, KH Coder, Coding Analysis Toolkit, QDA Miner Lite, VisualText, TAMS, Datumbox, Carrot2, Natural Language Toolkit, Apache Mahout, Pattern, Textable, Twinword, Apache OpenNLP, Apache UIMA, Aika, tm – Text Mining Package, KNIME Text Processing, LingPipe, Gensim, Distributed Machine Learning Toolkit, LPU, Apache Stanbol, S-EM, LibShortText, and Coh-Metrix are some of the top Free Text Analysis, Text Mining, Text Analytics Software.

Top Free Software for Text Analysis, Text Mining, Text Analytics

FREE TEXT ANALYSIS, TEXT MINING, TEXT ANALYTICS SOFTWARE				PAT INDEX™SORT 
	<div>General Architecture for Text Engineering – GATE</div> <div>9.5 6.1 95 Compare</div>		<div>Pattern</div> <div>9.5 5.6 95 Compare</div>	
			<div>RapidMiner Text Mining Extension</div> <div>7.7 7.7 76 Compare</div>	





 <p>Datumbox 7.6 — <input type="checkbox"/> 74 <input type="checkbox"/> Compare</p>	 <p>Coding Analysis Toolkit 8.4 8.3 <input type="checkbox"/> 69 <input type="checkbox"/> Compare</p>
 <p>KH Coder 7.7 8.2 <input type="checkbox"/> 68 <input type="checkbox"/> Compare</p>	 <p>QDA Miner Lite 7.7 7.8 <input type="checkbox"/> 61 <input type="checkbox"/> Compare</p>
 <p>Twinword 7.7 7.8 <input type="checkbox"/> 60 <input type="checkbox"/> Compare</p>	 <p>VisualText 7.7 8.2 <input type="checkbox"/> 56 <input type="checkbox"/> Compare</p>
 <p>TAMS 8.1 8.0 <input type="checkbox"/> 56 <input type="checkbox"/> Compare</p>	 <p>LingPipe 7.7 8.2 <input type="checkbox"/> 52 <input type="checkbox"/> Compare</p>
 <p>Natural Language Toolkit 7.6 8.3 <input type="checkbox"/> 49 <input type="checkbox"/> Compare</p>	 <p>Carrot2 7.6 — <input type="checkbox"/> 49 <input type="checkbox"/> Compare</p>
 <p>Apache Mahout 7.5 8.0 <input type="checkbox"/> 48 <input type="checkbox"/> Compare</p>	 <p>Textable 7.6 — <input type="checkbox"/> 48 <input type="checkbox"/> Compare</p>
 <p>Gensim 7.6 — <input type="checkbox"/> 47 <input type="checkbox"/> Compare</p>	 <p>Apache UIMA 7.6 8.2 <input type="checkbox"/> 47 <input type="checkbox"/> Compare</p>
 <p>Apache OpenNLP 7.6 6.8 <input type="checkbox"/> 47 <input type="checkbox"/> Compare</p>	 <p>tm – Text Mining Package 7.6 — <input type="checkbox"/> 46 <input type="checkbox"/> Compare</p>
<p>KNIME Text Processing 7.6 8.1 <input type="checkbox"/> 46 <input type="checkbox"/> Compare</p>	<p>Aika 7.6 4.1 <input type="checkbox"/> 46 <input type="checkbox"/> Compare</p>












			
	<div>LPU</div> <div>7.6 — 45 Compare</div>		<div>Apache Stanbol</div> <div>7.6 — 45 Compare</div>
	<div>Distributed Machine Learning Toolkit</div> <div>7.6 — 45 Compare</div>		

Top Qualitative Data Analysis Software

Nvivo, ATLAS.ti, MAXQDA, Quirkos, webQDA, Dedoose, HyperRESEARCH, Raven’s Eye, Qiqqa, Focuss On, F4analyse, Annotations, Datagrav, QDA Miner, and SaturateApp are some of the top Qualitative Data Analysis Software.

Top Qualitative Data Analysis Software

QUALITATIVE DATA ANALYSIS SOFTWARE		PAT INDEX™	SORT <input type="checkbox"/>	
	<div>NVivo</div> <div>8.0 7.6 95 Compare</div>		<div>ATLAS.ti</div> <div>7.9 8.9 71 Compare</div>	
	<div>Provalis Research Text Analytics Software</div> <div>7.8 10 66 Compare</div>		<div>MAXQDA</div> <div>7.7 8.2 63 Compare</div>	











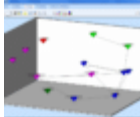





























	 <p>Quirkos</p> <p>7.6 8.2 <input type="checkbox"/> 59 Compare</p>
 <p>Dedoose</p> <p>7.6 7.9 <input type="checkbox"/> 57 Compare</p>	 <p>webQDA</p> <p>7.7 8.7 <input type="checkbox"/> 57 Compare</p>
 <p>HyperRESEARCH</p> <p>7.7 <input type="checkbox"/> 54 Compare</p>	 <p>Raven's Eye</p> <p>7.6 8.7 <input type="checkbox"/> 53 Compare</p>
 <p>Focuss On</p> <p>7.6 8.2 <input type="checkbox"/> 51 Compare</p>	 <p>Annotations</p> <p>7.6 8.2 <input type="checkbox"/> 50 Compare</p>
 <p>F4analyse</p> <p>7.6 8.3 <input type="checkbox"/> 50 Compare</p>	 <p>Datagrav</p> <p>7.6 — <input type="checkbox"/> 49 Compare</p>
 <p>Qiqqa</p> <p>7.6 7.5 <input type="checkbox"/> 47 Compare</p>	 <p>Interpris</p> <p>7.6 4.9 <input type="checkbox"/> 45 Compare</p>








Top Free Qualitative Data Analysis Software

General Architecture for Text Engineering – GATE, Coding Analysis Toolkit, FreeQDA, TAMS, Transana, ConnectedText, RQDA, Qiqqa, LibreQDA, QCAmapp, Visão, Aquad, Weft QDA, Cassandre, ELAN, CATMA, Compendium, fs/QCA, Tosmana, QDA Miner Lite Kirq are some of the Top

Free Qualitative Data Analysis Software.

Top Free Qualitative Data Analysis Software

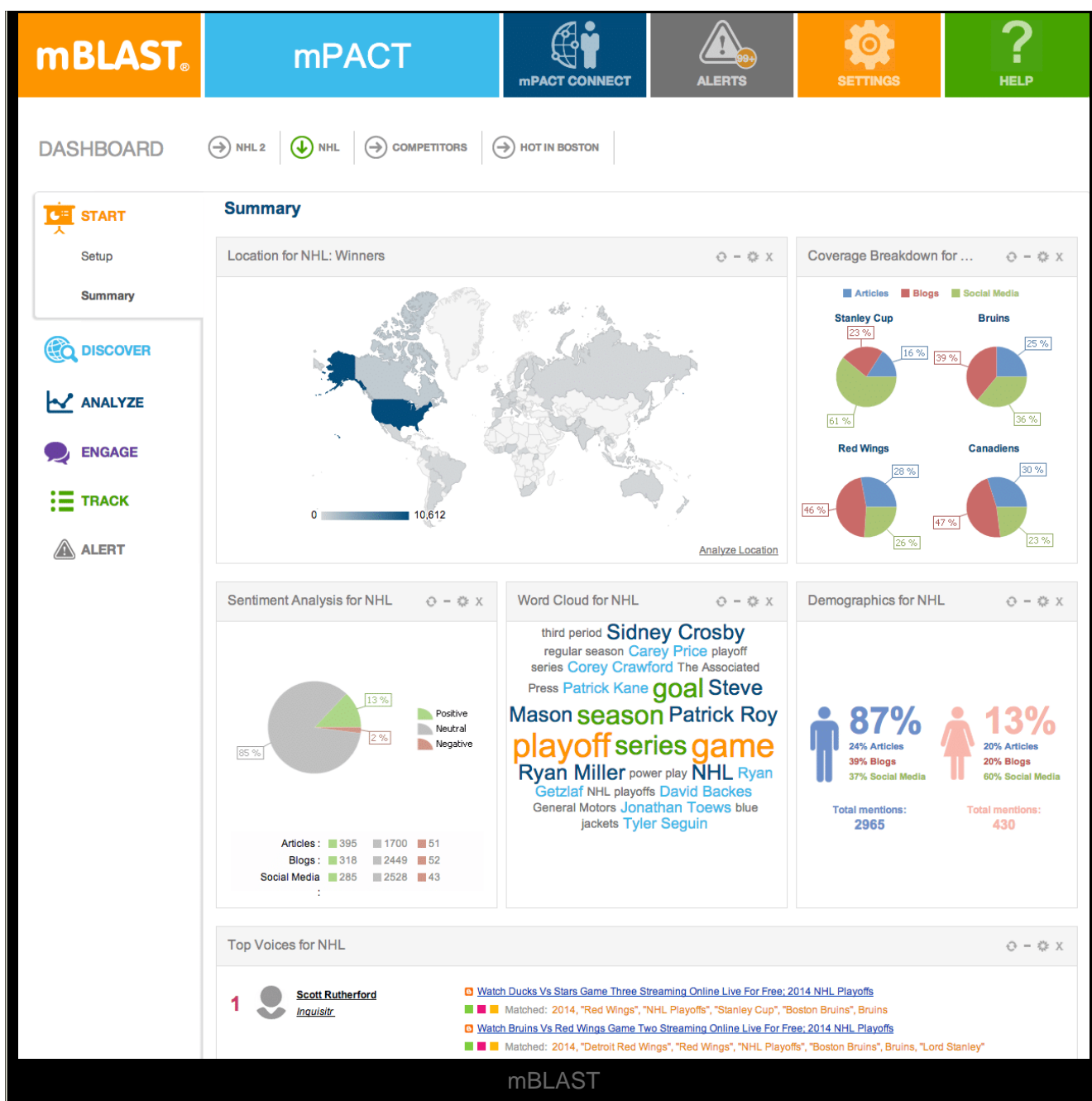
FREE QUALITATIVE DATA ANALYSIS SOFTWARE				PAT INDEX™	SORT 	
	General Architecture for Text Engineering – GATE	9.5	6.1	 95	 Compare	
	Coding Analysis Toolkit	8.4	8.3	 69	 Compare	
	FreeQDA	8.3	7.2	 62	 Compare	
	QDA Miner Lite	7.7	7.8	 61	 Compare	
	TAMS	8.1	8.0	 56	 Compare	
	Transana	7.5	4.4	 49	 Compare	
	ConnectedText	7.6	8.0	 48	 Compare	
	Qiqqa	7.6	7.5	 47	 Compare	
	LibreQDA	7.5	—	 47	 Compare	
	RQDA	7.5	8.2	 47	 Compare	
	Visão	7.5	8.3	 46	 Compare	
	QCMap	7.5		 46	 Compare	
	Aquad	7.5		 46	 Compare	

 <p>Weft QDA 7.5 8.2 <input type="checkbox"/> 46 Compare</p>	 <p>Cassandra 7.5 5.0 <input type="checkbox"/> 45 Compare</p>
 <p>CATMA 7.5 — <input type="checkbox"/> 45 Compare</p>	 <p>Compendium 7.5 — <input type="checkbox"/> 45 Compare</p>
 <p>ELAN 7.5 — <input type="checkbox"/> 45 Compare</p>	 <p>Tosmana 7.5 5.3 <input type="checkbox"/> 45 Compare</p>
 <p>fs/QCA 7.5 8.2 <input type="checkbox"/> 45 Compare</p>	

Top Social Media Analytics Software

Sysomos, Sendible, Sprinklr, Zoho Social, Meltwater, TrackMaven, quintly, NetBase, Clarabridge, IBM Watson, Abzooba, General Sentiment, Oracle Social Cloud, Attensity, Lexalytics, Nielsen Social, Plumlytics, Digimind, Attentio, Converseon, NUVI, Sotrender, Rival IQ, Klear, Brand24, Tracx, Keyhole, VOZIQ, Spredfast, SocialClout, Sentiment, SDL Social Intelligence, Webtrends, Buzzcapture, Brandwatch, Lithium, Integrasco, Beevolve, Trackur, Synthesio, Bottlenose, Talkwalker, Socialbakers, Cision, Simply Measured, Adobe Social Analytics, Opera Solutions, Crimson Hexagon, TheySay, Social Harvest are some of the top social media analytics software solutions.

Top Social Media Analytics Software



Top Free Social Media Analytics Software

Social Harvest, Datasift, Socioboard, Zoho Social, SumAll, Hootsuite, Cyfe, quintly, Google Analytics, Beevolve, Social Crawlytics, Buffer, Klout, Social Mention, Followerwonk, audiense, KUKU.io, SocialPilot, SMhack, Jarvis, Tiempy, SocialOomph, Postcorn, DrumUp, Twitter Analytics, and Pinterest Analytics are some of the top Free Social Media Management and Analytics Software.

Top Free Social Media Management and Analytics Software

Text Analytics Startups

MeshLabs, LinguaSys, Semantria, Luminoso, AYLIEN, Etuma, Synapsify, ConveyAPI, SpazioDati, Contix, Signal Media, WholeMeaning, NomNom, Bitext are some of the startups in Text Analytics area.

List of Text Analytics Startups

You may also like to read, [What is Text Analytics ?](#) , [Top Social Media Management](#), [Social Media Analytics](#), [Social Publishing and Social Monitoring Software](#), [Top Free Social Media Management](#), [Social Media Analytics and Social Publishing Software](#) , [Top Text Analysis](#), [Text Mining](#), [Text Analytics Software](#) , [Top Free Text Analysis](#), [Text Mining](#), [Text Analytics Software](#), [Top Qualitative Data Analysis Software](#) , [Top Free Qualitative Data Analysis Software](#) ,[Top Dashboard Software](#) ,and [Open Source and Free Business Intelligence Solutions](#) .

□ REVIEWS

Sign In with Social Media:



LIK 5	WHAT'S YOUR REACTION?	<div><div></div>LOVE IT</div> 58%	<div><div></div>VERY GOOD</div> 13%	<div><div></div>INTERESTED</div> 8%	<div><div></div>COOL</div> 15%	<div><div></div>NOT BAD</div> 5%	<div><div></div>WHAT !</div> 3%	<div><div></div>HATE IT</div> 0%
----------	--------------------------	-----------------------------------	-------------------------------------	-------------------------------------	--------------------------------	----------------------------------	---------------------------------	----------------------------------

POSTED IN

Analytics Buying Guides, Guides, Text

TAGS

text analysis, text analytics, text mining

ABOUT THE AUTHOR



immanuel

YOU MIGHT ALSO LIKE



How to Select the Best Social Media Management Software for Your Business



How to Select the Best Influencer Management Platform & Influencer Marketing Software for Your Business

Sign In with Social Media:



Privacy & Cookies: This site uses cookies. By continuing to use this website, you agree to their use.

PAT RESEARCH, 265 Port Union Road, #15528, Toronto, M1C 4Z7, Canada To find out more, about our Privacy Policy, and ToS including how to control cookies, see here: [Privacy & Cookie Policy](#)

JOIN OVER 41,000+ SUBSCRIBERS:

Email *

ToS

I agree to ToS and Privacy Policy

PAT RESEARCH is a comprehensive B2B directory which provides Best Practices, Buying Guides, Reviews, Ratings, Comparison, Research, Commentary, and Analysis for Enterprise Software and Services. We provide Best Practices, PAT Index™ enabled product reviews and user review comparisons to help IT decision makers such as CEO’s, CIO’s, Directors, and Executives to identify technologies, software, service and strategies.

Like what you see? Make sure your prospects are getting it all and right!

PAT RESEARCH is a leading provider of software and services selection, with a host of resources and services. We offer vendors absolutely FREE! opportunity to maintain and update listing of their products and even get leads.

Join as a Vendor



PAT RESEARCH



[About](#)

[Terms of Service](#)

[Privacy Policy](#)

[Cookie Policy](#)

[Contact](#)

[Vendor](#)



© 2018 Predictive Analytics Today. All rights reserved.