

Datago Tech. Ltd. DataGo Ahead in FinTech!

	R F F F F	GA	άğ	304		p 9
		2021)n ⊠	10	E 6	R
		đm	Ð	Part -	C n	9 F
	101		úĘ	HO	Â	5 -
多 数行者科技	建口 、	t+t	II	T M	- 12 ·	월 습

Text Analytics in Finance



Is there any **bad news** on stocks in my portfolio?

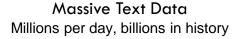
What are the top 10 stocks attract **most comments** in social media?

How is the **disclosure quality/ESG** rating of this stock?

Which public companies' has **positive management's tone** in annual report?



Machine/Human Readable Analytics

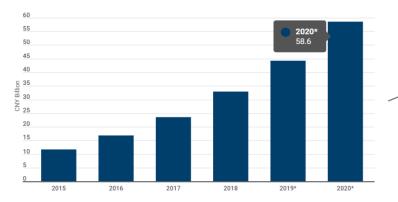


Text Analytics with Al



Financial Text Analytics in China

Chinese text analytics is a billion-dollar market that grows rapidly



Not only valuable for investment in China

"with roughly 1.3 billion consumers, ..., make China an attractive equity market, also a wealth of alternative data." <u>Alternative Data in China</u>by Man Group (AUM: \$140 Billion)

Lack of prominent vendors as in the West



Challenges

Unique market with local sources of text data in China

Global vs. Local



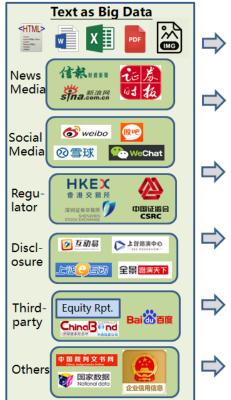
Chinese language raises extra challenges

More difficult with less technical resources publicly available





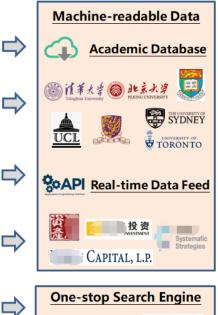
Overview of Business



G

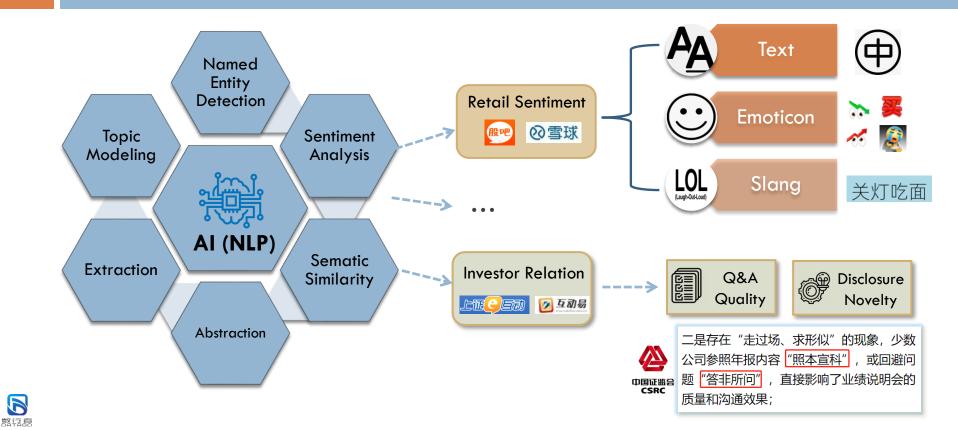
数行音





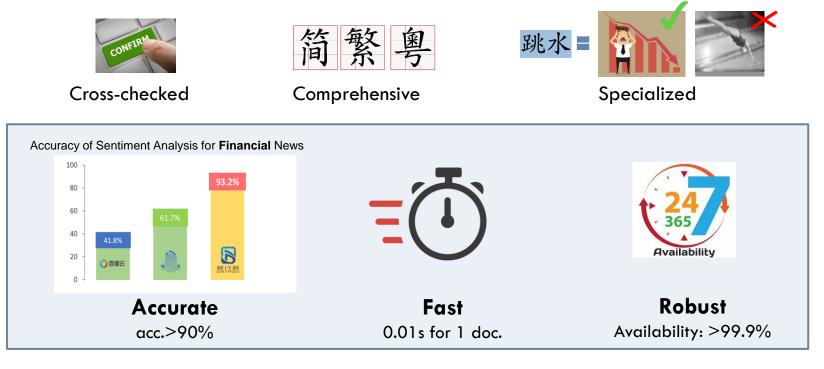


Optimized AI Model for Local Sources



Rich Corpus for Chinese Financial Text

3 millions+ proprietary training data labeled by business professionals





Datago Text Analytics Products(SaaS)

Accurate, Prompt, Reliable

Real-time analytics with high reliability

Comprehensive

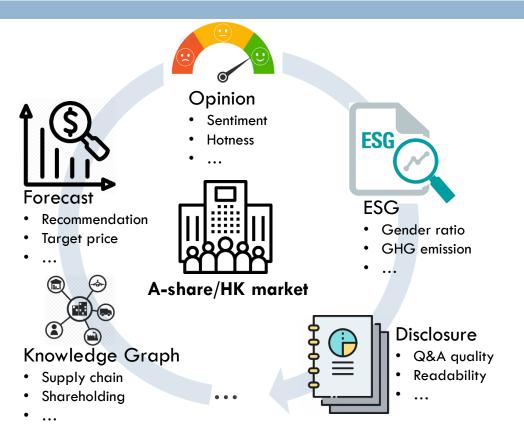
- □ 1000+ sources with 10 years+ history
- Retail sentiment, analyst sentiment, news sentiment, management tone

Quantitative

- Sentiment: -1.0 ~ 1.0
- Recommendation:1~5

Unique

- Investor Q&A readability, novelty ...
- ESG for 4000+ A/HK stocks (~700 for MSCI)





Market & Applications

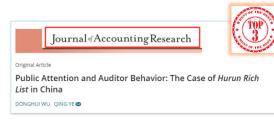
50+ paying clients around the world
 Hedge funds, institutes in US, UK ...

One of most popular academic database
 Support research in top journals

Proved alternative data for investment

5 out of top 10 hedge funds







Our Team – Finance + Technology

Management team



Dr. LONG Yi (CEO)

- 12 years+ experience in data mining,
- Guest lecturer of data mining, CUHK(SZ)
- Postdoctoral researcher in FinTech, CUHK
- HKU Ph.D,

Co-founder and advisor

Frequent Contributors by Publications on Chinese Capital Market in Tier-1 Journals in 1999-2018

#	Author	Number of Papers	Total Citations	Average Citation per Paper
1	T.J. Wong	9	5,118	568.67
2	Yongxiang Wang Donghui Wu	6	323 1.028	53.83
2	Tianyu Zhang	6	2,493	415.50
3	Phyllis Lai Lan Mo	5	505	101.00



- T.J. Wong
- Professor of USC
- Former Dean of the CUHK
 Business School
- UCLA Ph.D



Tianyu ZHANG

- Professor of CUHK
- Director of CUHK CIG
- Cheung Kong Scholars
- HKUST Ph.D



Xiaoyang KANG

- 30+ years experience in investment
- Founder of Investoday Tech. Ltd
- CEO of Lighthorse Asset
 Management Ltd.



Improving Market Transparency



感谢新财富在指数研制过程中的战略合作与支持,感谢所有参与本次指数通 讯调查的分析师、机构投资者、上市公司董秘,感谢参与实地调研的上市公司, 感谢香港数行者公司提供媒体数据和舆情结果。



Going Beyond Finance ...

Combat the spread of misinformation in local social media of Hong Kong



浸大開發AI揪出假新聞 設事實查核中心 每天篩選社媒消息

By 信報財經新聞 on December 30, 2020



夥本地初創設數據庫

G

為加快篩選可疑內容的進度,中心短期內從社交平台着手,針對內容的熱度指數、流行 度、情感指數等多種標準,為新聞數據做排序以供篩選。長遠而言,中心將夥拍本港初 創<mark>數行者科技</mark>,開發本港首個虛假新聞研究數據庫,以本地語言為基礎,由人工智能演 算法驅動的系統,自動偵測廣被瘋傳的可疑資訊。 The Overcoming Vaccine Hesitancy in Hong Kong Project by Hong Kong Baptist University Report Series No. 11 15-08-2021



An Observational Study to Understand Vaccine Hesitancy in Hong Kong

Using Heterogeneous Data

https://research.hkbu.edu.hk/f/page/20480/21910/(EN)OVH_Report_No.11.pdf

Thank you!

DataGo Ahead in FinTech!





Email: info@datago.com.hk Site: http://datago.com.hk

HKAI Lab Incubatee -2019

IFTA Platinum Award-2020

HKSTP Incubatee-2019

Appendix

Data Samples (Sentiment)

上市公司代碼	新聞情绪評分	新聞熱度評分	新聞综合輿情評分	社交媒體情緒評分	社交媒體熱度評分	社交媒體綜合輿情評分	投資者互動回答覆蓋率	投資者互動回答品質評分
000001.SZ	52.44	98.12	52.2	62.49	89.01	63.37	0.76	40.10
000002. SZ	60.85	99.57	61.73	49.79	95.98	49.96	0.70	48.48
000004. SZ	28.48	39.38	27.19	28.15	50.84	27.18	0.90	66.92
000006. SZ	15.56	54.14	14.47	43.23	50.82	42.67	0.93	75.20
000009. SZ	68.93	84.52	70.19	53. 51	91.39	53.64	0.94	59.87
000011.SZ	48.65	52.99	47.18	25.35	76.54	24.6	0.91	53.13
000012.SZ	80.54	70.63	82.55	60.06	79.7	60.5	0.99	62.81
000016.SZ	77.87	84.16	79.73	64.59	89.98	64.96	0.95	62.49
000017.SZ	35.85	8.38	35.82	62.43	25.63	62.53	0.98	66.46
000019.SZ	58.48	26.93	58.8	44.88	50.96	44.19	0.98	69.29
000020. SZ	56.05	19.7	57.24	73.57	12.15	74.56	0.50	35.34
000021.SZ	79.27	78.23	81.08	39.57	89.74	38.9	0.95	62.98
000023. SZ	29.32	30.24	27.47	59.15	5.12	59.42	1.00	60.12
000026. SZ	62.5	68.49	63.56	46.96	46.09	46.95	0.98	86.53
000027.SZ	68.85	74.3	70.44	49.82	77.4	50.46	0.94	82.90
000028.SZ	75.76	90.63	77.45	54.99	76.5	55.78	0.94	62.28
000000 07 I	00 E	11 10		E0.00	FF 01	10.07		E1 00

"AI" for Chinese Financial Text-1

情感判别	"该项新措施可降低 <mark>风险</mark> ,减少 <mark>损失</mark> "	▶ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
	"英国经济"脱欧 红利 "恐难 持久 "	
	"中美贸易战阴影笼罩什么是中 <mark>美的</mark> 新压舱石"	关)美的(SZ000033)
实体识别	"东南汽车与三菱汽车合作加深发展自主品牌"	※ 深发展(SZ000001)
	"经济进入良性循环轨道 老百姓就业机会增多" "老百姓拟募集加码主业"	老百姓(SH603883) 老百姓(SH603883)
事件分类	大湾区水域 <mark>洪涝灾害</mark> 跨区域 <mark>救援</mark> 实战演练举行	事故灾害

「「「「「「」」

"AI" in The Market-1





	Tigerobo虎博 资讯
"AI" in The Market -2	(Q)
AI III IIIE MAIKEL-Z	
	一心堂(002727.SZ)披露收购直宾老百姓药房门店资产及其存货的进展 樁態[2月5日]一心堂(002727,影吧)(002727.SZ)公布,公司2020年第14次总裁办公会讨论决定同意公司全资子公司四 川一心堂医药连锁有限公司收购直宾市老百姓(603833,殷吧)大药房有限责任公司"宣宾老百姓药房",该直宾老百姓药房 与上市公司老百姓大药房连锁股份有限公司无关联关系)所持有"家门店资产及其存货,并发布《关于全资子公司四川一心 堂医药连锁有限公司收购直宾市老百姓大药房有限责任公司门店资产及其存货的公告》(公告编号: 2020-205号)。
	2021-02-05 紀元月
个股资讯 实时热点:贵州茅台 ↑ TCL科技 ↑ 京东方A ↑ 光大银行 ↓ 拼音/代码/名称 Q	
老百姓(603883.5E)	鹤壁农村推行"电采暖、气做饭、房保温",老百姓的生活变了样 自从2017年成功入选由中发现文支持的比方地区冬季清洁取暖试点城市,鹤客的大姆以"电采暖、气做饭、房保温、煤清 零"的技术路线,在全市文时泡温的开展清洁取暖工作,老百姓自此告别了佛理生产。据了解,这种低温空气源热风机… 2021-02-05人民政协网
涨停: 83.07 跌停: 67.97 最 低: 76.18 总市值: 317.75亿 市净率: 7.65 73.95	
2021-02-08 11:30:00 昨 收:75.52 流通市值:316.70亿 市盈率 ^{TTM} :52.80 09:30 11:30/13:00 15:00	"元朝规定十户共用一把菜刀,老百姓如何做饭?"许论区是认真的吗?哈哈哈哈 那些说自己没有清晰的男生,都是为自己够行文力说道了。连天了一些的灰龙浪,都能对着眼说路话,明明美羊羊比像羊
资讯与公告 个股资讯 行业资讯 公司公告 年度报告 中期报告 一季度报告 三季度报告 理财师解读 公司号	举脸大还胖,灰太狼就是认定懒羊羊是草原 是把的牛,是不是比 很多男生都强,哈哈哈哈 穿背心溜肩,也挡不 2021-02-05 网易财经
个股相关资讯:	荆州市委书记:春节各单位院子打开让老百姓停车 上洗手间
2021-02-05 20:38 江苏紧盯老百姓的"保命钱" 开展社会保险基金审计	用近时的安台记:春口谷单位玩了打开工老白处停车、上洗手问 昨天(2月2日)上午,荆州市委书记了光中深,忽息、社区、农村、福盖点等,调研冬春季常态化疫情防控工作,强调要
2021-02-05 19:13 一心堂(002727.SZ)披露收购直宾老百姓药房门店资产及其存货的进展	突出落曲防控,不搞层层加码,严谨投现定的行防控任务,保障全市人民营过一个平安祥和的新春佳节,强调突出落准
2021-02-04 21:47 荆州市委书记:春节各单位院子打开让老百姓停车、上洗手间	2021-02-04 迪洱新闻
2021-02-04 20:51 荆州市委书记:春节期间各单位院子全免费开放,不能搞得老百姓回家过年,停车位找不到洗手间找不着!	
2021-02-04 19:58 央行: 继续加强规范存款创新产品 守护好老百姓的钱袋子	央行: 继续加强规范存款创新产品 守护好老百姓的钱袋子
2021-02-04 09:10 陕西省政协医卫界委员议远程医疗:让老百姓享受到便捷的医疗服务	央行:继续加强规范存款创新产品 守护好老百姓的钱袋子
2021-02-03 19:25 农业农村部召开全国春季田管暨春耕备耕工作视频会议	2021-02-04 同誌問題送
2021-02-03 17:38 张忆东:现在老百姓配置股票就像20年前配置房地产 方兴未艾	
2021-02-03 14:22 人行重庆银管部调查:老百姓对房价下降预期减费	5批次化妆品检出禁用物质 老百姓天津某店登经营单位
2021-02-03 12:56 当选后第一件事,就是解决老百姓最着急的事	5批次化妆品检出禁用物质を百姓天津味店登经营单位

新浪网 NASDAQ: SINA sina.com.cn

あれて 数行着

Tigerobo_{虎博} Series A (33M USD @ 2019)

2021-02-04 中国经济网

Advantage of Datago NLP Tech.

News	Datago (score)	Baidu Al	rs
宇通客车: 卓越的公司被低估的客车龙头	Positive(0.47) 🖌	Positive 🖌	Negative X
*ST美丽股东王仁年持有的公司股份流拍	Negative(-0.17) 🗸	Positive 🗙	Positive X
华盛达或遭虚假陈述民事赔偿诉讼	Negative(-0.8) 🗸	Neutral 🗙	Negative 🖌



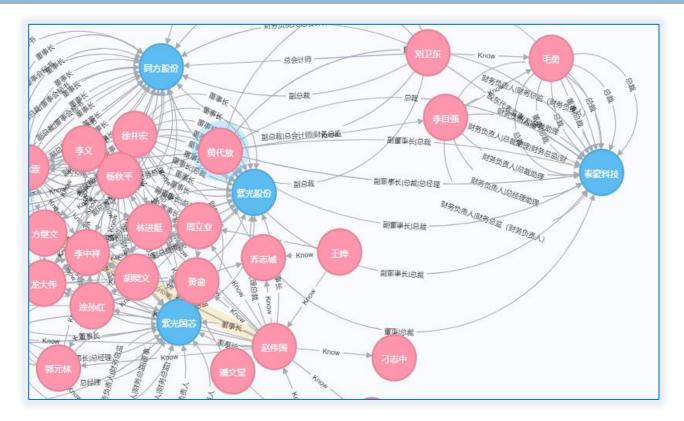
Comprehensive Analytcis



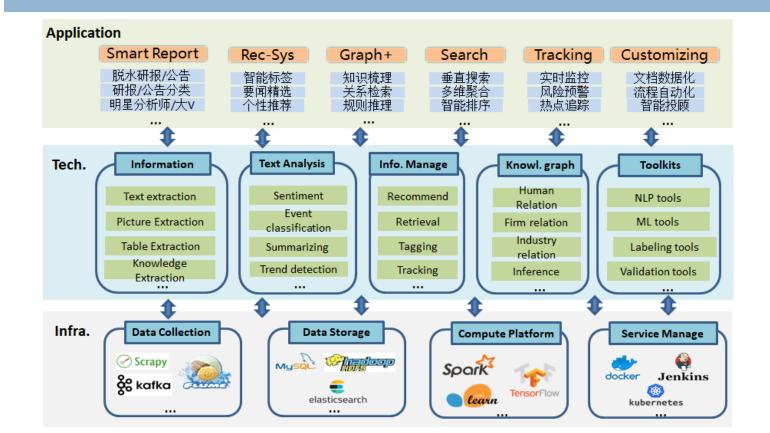
Well-developed Knowledge Graph

- ✓ Executive
- ✓ Analyst
- ✓ Fund manager
- ✓ Competitor
- ✓ Retail Investor
- ✓ Share holder
- ✓ Supplier
- ✓ Client

数行音



Robust and Scalable Infrastructure



D

数行音

One-stop Search Engine



数行音