



Stocking

# Financial Data Display & Analyze

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Architecture & Components



Collaboration & Issue



# Idea & Creativity

# Idea & Creativity

Current Financial Data Platform

The screenshot displays a multi-panel financial application:

- Top Left:** "最近访问股" (Recently Visited Stocks) and "自选股" (Watchlist) tables.
- Top Center:** A banner for "财经APP全新迭代升级啦!" (Finance APP New Iteration Upgrade!) with a "立即查看" (View Now) button.
- Middle Left:** "大数据透视" (Big Data Perspective) section with a heatmap titled "人气热度 (爆棚)" (High Popularity) and a "查看详细报告" (View Detailed Report) button.
- Middle Center:** Stock details for 隆平高科 (隆平高科 (000998.SZ)) including price (26.31), change (-0.45), and volume (11.90万手). It also shows a 5-day candlestick chart and a 15-minute line chart.
- Right Side:** A circular "股票是涨? 是跌?" (Is the stock up? Or down?) gauge with a red needle pointing towards "跌". Below it is a "五档盘口" (Five-tier Order Book) table showing buy and sell orders.
- Bottom Left:** "热点栏目" (Hot Columns) and "行业对比" (Industry Comparison) sections.
- Bottom Right:** A "同时被关注" (Also Followed) section listing stocks like 药明康德, 四维图新, 晨鸣纸业, 北大荒, 海普瑞, 勤上股份, 北京文化, 哈尔斯, 苏常柴A, and 通威股份.

Current Financial Data Platform

• Intricate information

• Complex interface



# Idea & Creativity

Our Financial Data Platform

### 黑猫股份(002068)

当前价: 9.43

涨停:	10.373000000000001	跌停:	8.487
今开:	9.36	昨收:	9.35
最高:	9.44	最低:	9.27
涨跌幅:	0.856	换手率:	0.307
成交额:	1864534	成交量:	17442203
市净率:	2.274	市盈率TTM:	58.938
流通市值:	572362.31	总市值:	685620.971

日K 周K 月K

Dow-Jones Index MA5 MA10 MA20 MA30

### 股吧论坛

大数据2017-13-25日12:00分 点击量: 2099

我不是托,勿喷,此股这价位买入是造富价格! ... 点击量: 2058

看来散户们所剩无几了 点击量: 3015

第一下跌目标8.27第二个位置6.58第三... 点击量: 3797

12月25日本周大盘操作策略 点击量: 2981

黑猫从6.5涨到13.3一气呵成!然后又做... 点击量: 3971

### 研究报告

黑猫股份:炭黑行业维持高景气度,Q4盈利有望创新高 2017-10-27

黑猫股份:炭黑盈利持续向好,净利同比大增近80倍 2017-10-27

黑猫股份公司三季报点评:三季度业绩表现靓丽,供暖季环保升级,... 2017-10-26

黑猫股份:从炭黑龙头到新型碳材料公司 2017-09-18

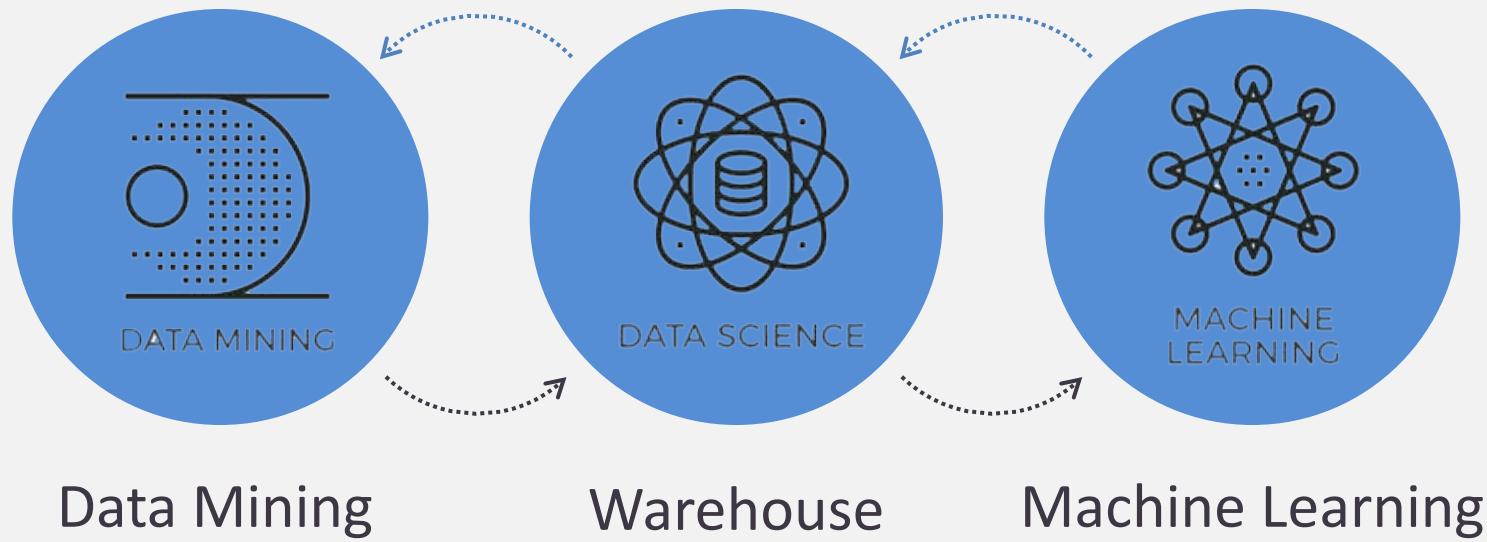
黑猫股份:行业格局向好,焦油深加工是发展关键 2017-09-05

黑猫股份:炭黑价格维持高位,上半年业绩大增 2017-08-28



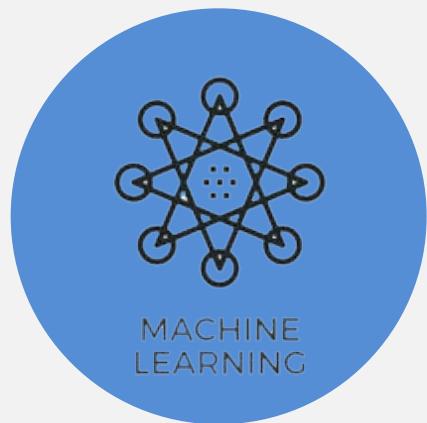
# Idea & Creativity

Project Creativity

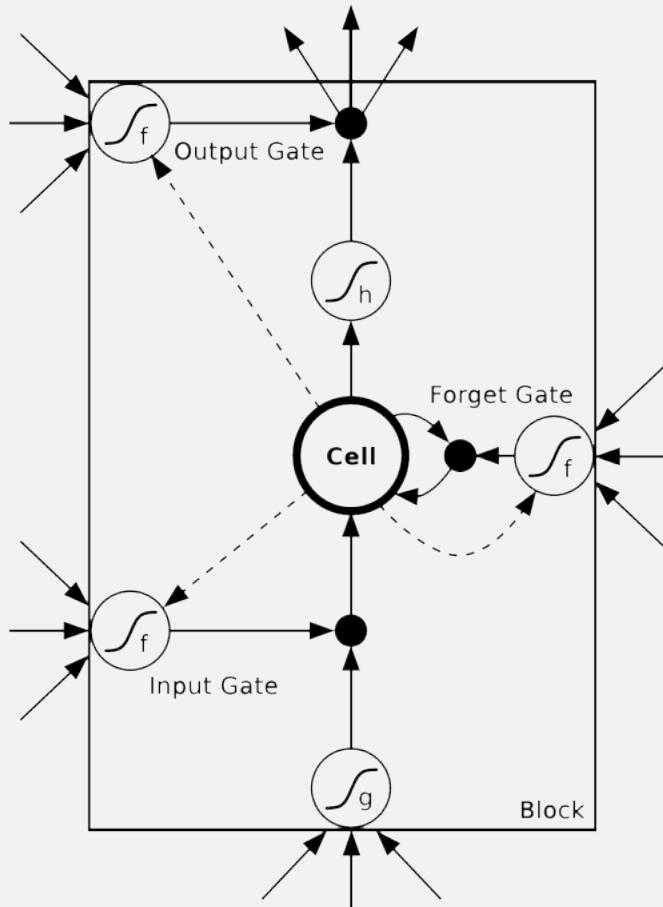


# Idea & Creativity

Machine Learning & Data Mining



Data Mining



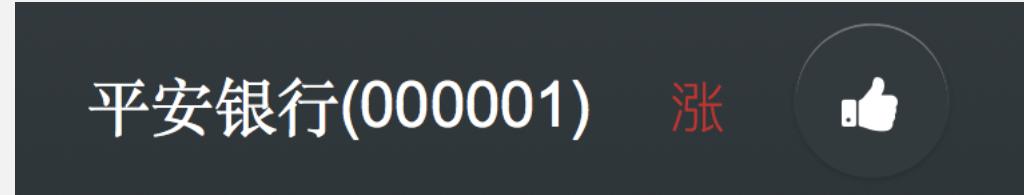
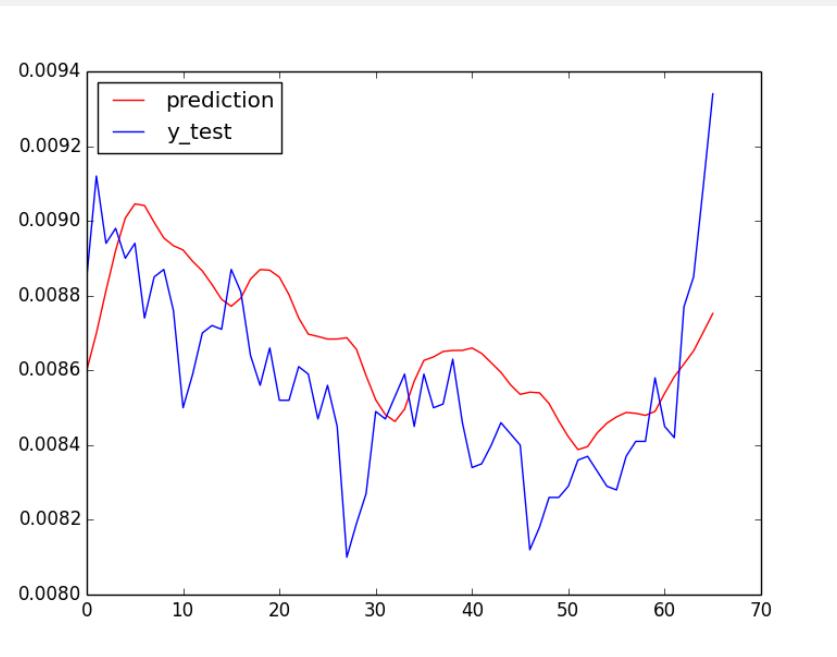
LSTM



Machine Learning

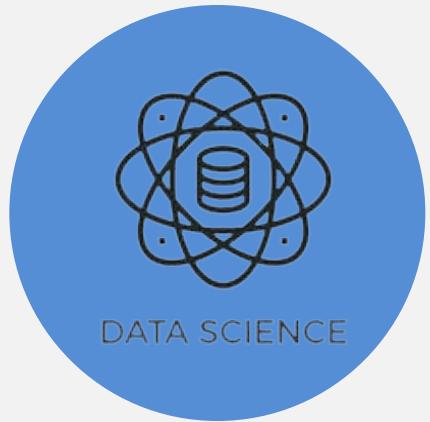
# Idea & Creativity

Project Creativity

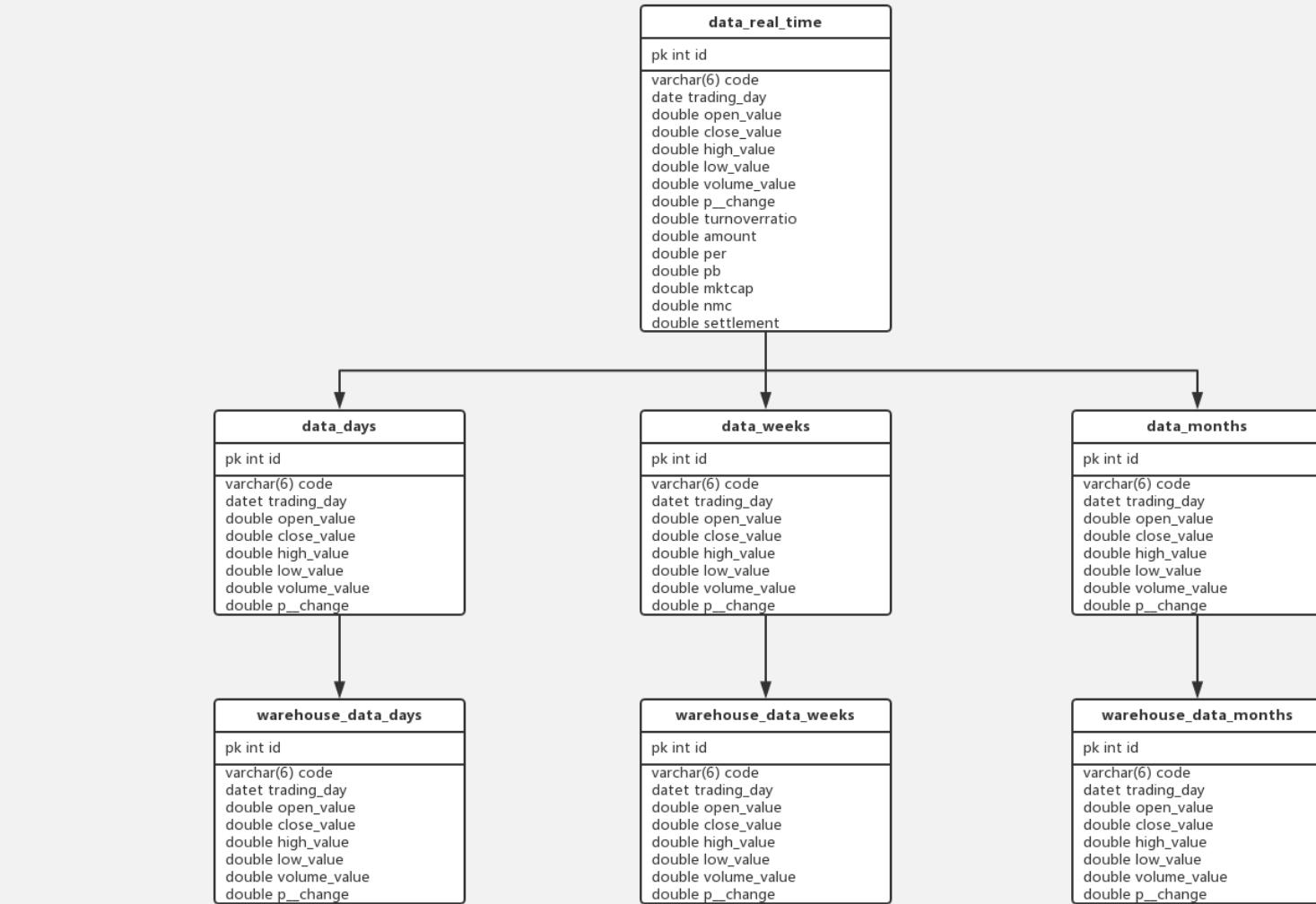


# Idea & Creativity

## Project Creativity



Warehouse





## Functionalities & Manual

# Functionalities & Manual

## Major Functionalities



### Market Condition

- Timely
- Accurate
- Authority



### News Tracking

- Comprehensive
- Precise
- Rich



### Winner list

- Hot Spots
- Stock Trend

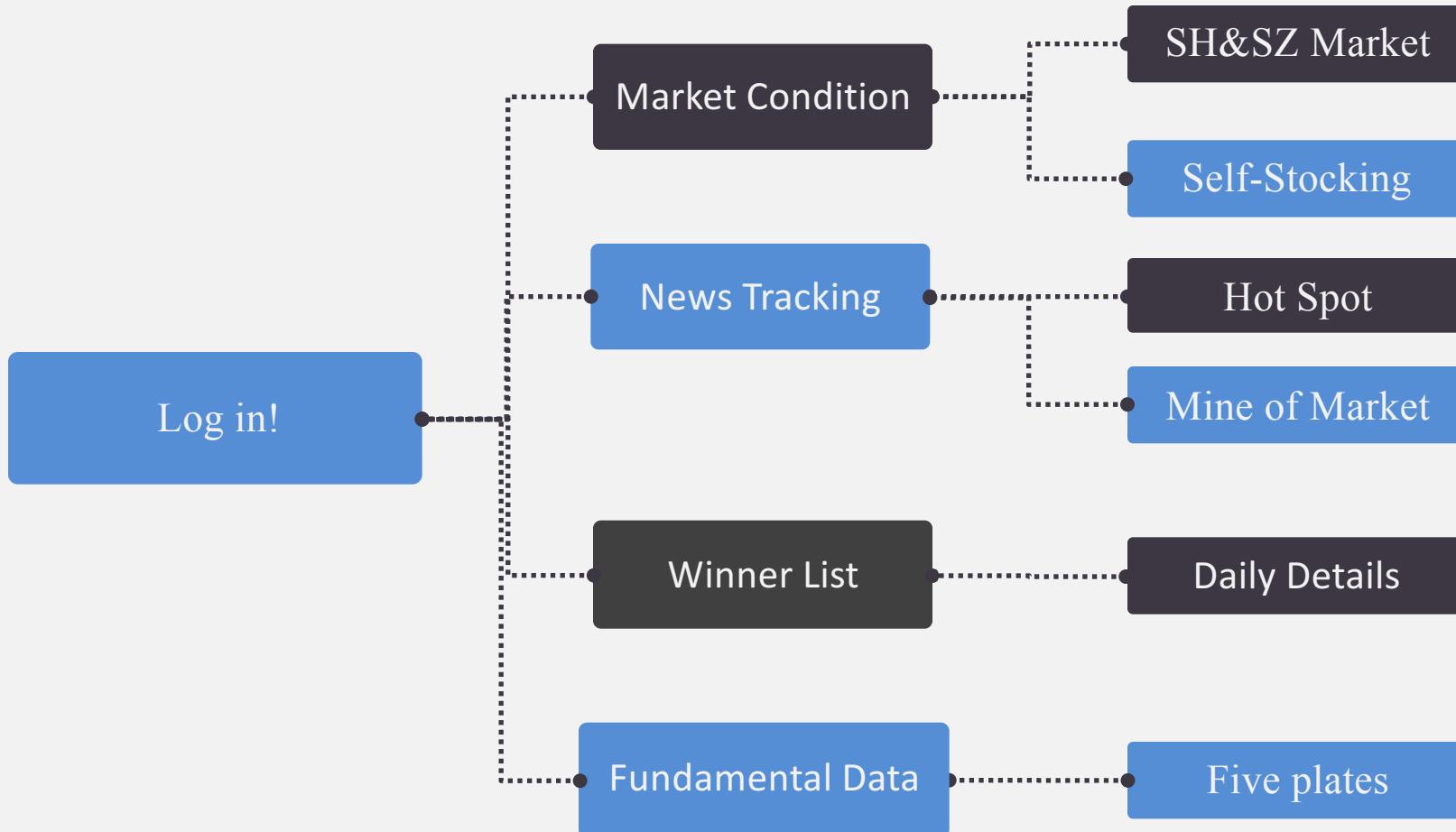


### Fundamental Data

- Quickly Found
- Timely Update
- Intelligent Mining

# Functionalities & Manual

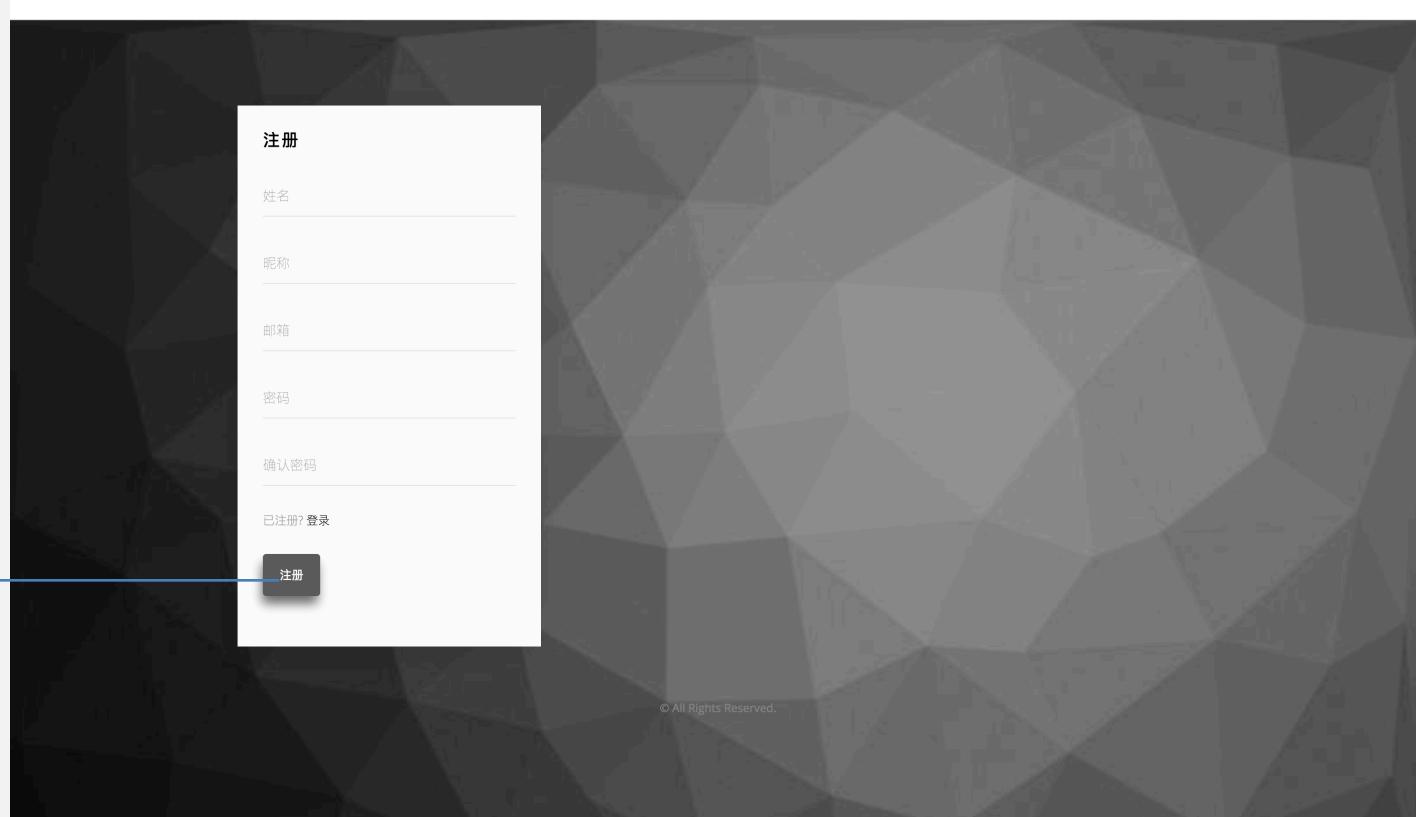
Workflow



# Functionalities & Manual

## Manual

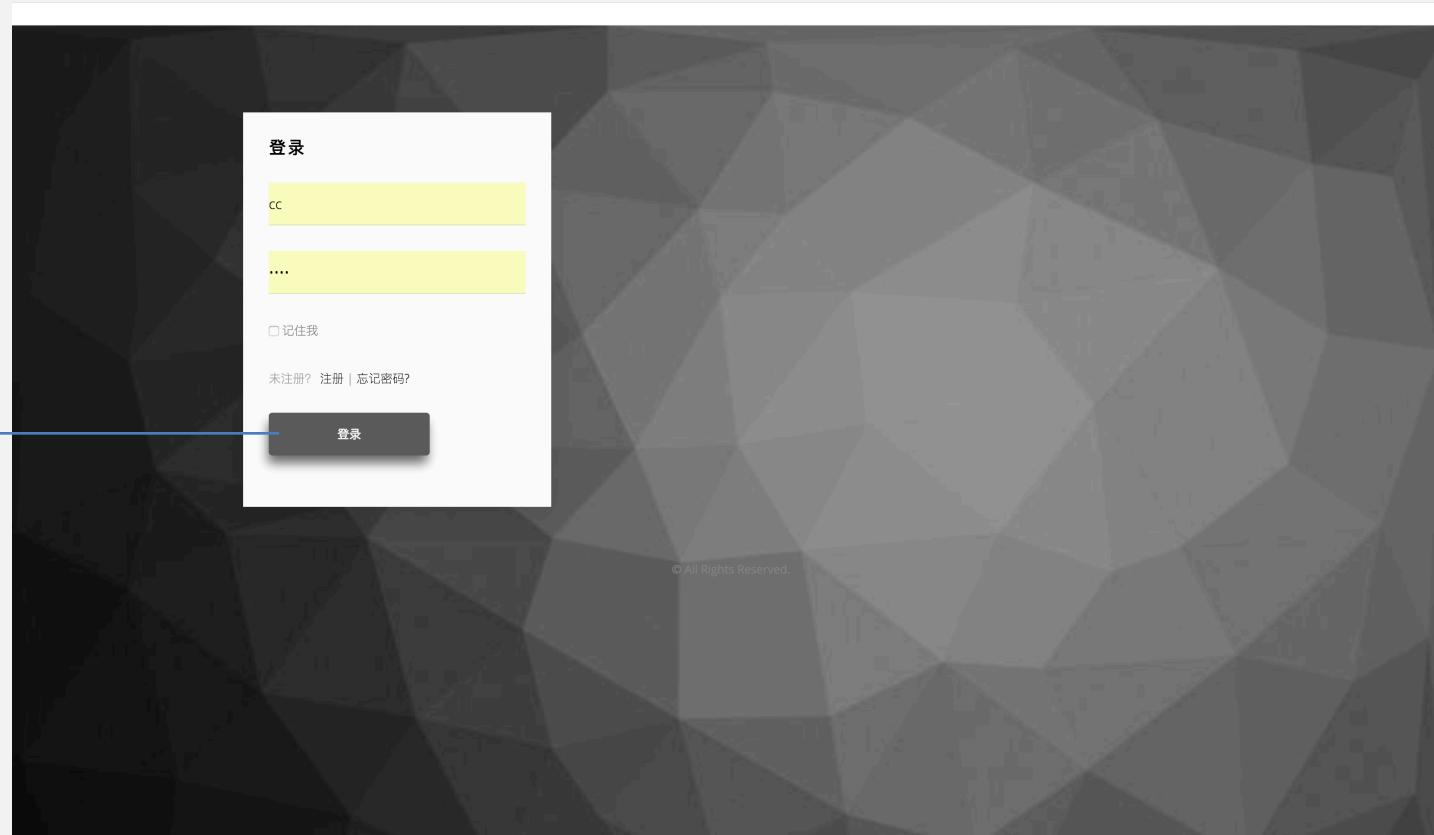
After filling out all information, click here to go to login page



# Functionalities & Manual

## Manual

After filling out all information, click here to go to large data display page



# Functionalities & Manual

## Manual

Move cursor to one sector block to show corresponding turnover, change and change percent



Enter stock code to go to corresponding detail page

Click one sector block to show corresponding stocks ordered by turnover

Click one stock block to go to corresponding detail page



# Functionalities & Manual

Click the button  
to put this stock  
into the list of  
self selected  
stock



Select the day K,  
month K, week K  
button will  
return to the  
different K line  
chart

Manual

黑猫股份(002068)

当前价: 9.43

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黑猫股份公司三季报点评:三季度业绩表现靓丽,供暖季环保升级,...	2017-10-26
黑猫股份:从炭黑龙头到新型碳材料公司	2017-09-18
黑猫股份:行业格局向好,焦油深加工是发展关键	2017-09-05
黑猫股份:炭黑价格维持高位,上半年业绩大增	2017-08-28

Click the title to  
jump to the  
original forum  
page

Click the title  
to jump to the  
original report  
page

# Functionalities & Manual

## Manual

The screenshot shows a forum post on the Sina Guba website. The post is from a user named '陕西股友' (Shaanxi Stock Friend) and discusses the stock price of Black Cat Company, mentioning it has risen from 6.5 to 13.3. The post includes a QR code for the 'Sina Finance Client' (新浪财经客户端) and a link to a live Q&A session.

进入吧 帖子搜索 | 作者搜索 | 加入收藏 | 新浪财经 | 新浪股票 | 新浪首页  
请输入拼音/代码/名称

最活跃的散户都在这里  
注册

返回黑猫股份吧 | 吧投诉 | 收藏本吧

新浪财经客户端  


让赚钱更轻松

黑猫股份吧活跃用户

- 用户5803114788 发表了49条主贴
- 用户5803553245 发表了39条主贴
- 用户5802839565 发表了21条主贴
- 用户5803353455 发表了18条主贴
- 美妙的股市旋律 发表了16条主贴
- 用户5803043504 发表了16条主贴
- 可喜可乐 发表了15条主贴

黑猫股份吧热门贴

正在等待 guba.sina.com.cn 的响应...



# Functionalities & Manual

## Manual

The screenshot shows a research report titled "黑猫股份:炭黑行业维持高景气度,Q4盈利有望创新高" (Hechi Stock: Charcoal Black Industry Maintains High景气度, Q4 Profitability Expected to Innovate High) from Sina Finance. The report is dated October 27, 2017, and is from Guotai Securities Co., Ltd. It includes sections on performance summary, operational analysis, and investment recommendations. To the right, there are three sidebar modules: "Data Recommendation" (including latest ratings, target price ranking, and industry attention), "Investment Rating" (listing ratings for companies like Hengshui Lihua, China National Tourism, and Shoufu Hotels), and "Profitability Forecast" (listing EPS forecasts for companies like Sun Media and Jingdong). The top navigation bar includes links to financial home, Sina homepage, and Sina navigation.



# Functionalities & Manual

## Manual

The screenshot shows a mobile application interface for financial news. On the left is a sidebar with a user icon, 'Stocking' logo, and '登出' (Logout) button. The sidebar menu includes '大数据展示', '新闻资讯', '龙虎榜', '基本面数据', and '个人主页'. A search bar at the bottom of the sidebar contains the placeholder '请输入股票代码'. The main content area is titled '新闻资讯' and displays a list of news articles from平安银行 (Ping An Bank). Each article row includes the title, publish date, author, research institution, and a '详情' (Details) icon. A blue arrow points from the text 'Click the detail icon , jump to the origin news page' to the '详情' icon of the 15th news item.

标题	发布日期	研究者	研究机构	详情
平安银行:零售转型有基因、有方向、有资源,坚定看好	2017-11-21	廖志明,林瑾璐	天风证券股份有限公司	
平安银行:科技助力转型,转化集团优势为竞争力	2017-11-14	交银国际证券研究所	交银国际证券有限公司	
平安银行:Fintech引领零售转型,互联网思维的新银行	2017-11-10	廖志明,林瑾璐	天风证券股份有限公司	
平安银行三季报点评:零售转型持续推进;资产质量稳定	2017-10-25	董春晓	太平洋证券股份有限公司	
平安银行:不良率和逾期占比降,零售贷款占比达45%	2017-10-24	杨荣	中信建投证券股份有限公司	
平安银行三季报点评:业绩符合预期,资产状况稳定,零售转型显著	2017-10-24	群益证券(香港)研究所	群益证券(香港)有限公司	
平安银行三季报点评:零售转型显成效,资产负债调整进行时	2017-10-23	田世欣	中银国际证券有限责任公司	
平安银行三季度报点评:零售业务继续发力,资产质量环比改善	2017-10-23	刘冉	中原证券股份有限公司	
平安银行:零售转型成效卓著,资产质量继续改善	2017-10-23	赵湘怀	安信证券股份有限公司	
平安银行2017年3季报点评:靓丽零售数据vs平淡财务数据	2017-10-23	戴志锋	中泰证券股份有限公司	
平安银行:零售转型初见成效,不良消化仍需时日	2017-10-23	屈俊	广发证券股份有限公司	
平安银行:盈利平稳增长,未来不良压力有望大幅缓解	2017-10-23	廖志明,林瑾璐	天风证券股份有限公司	
平安银行三季报点评:零售转型成效显现,资产质量好转可期	2017-10-23	马婷婷	东吴证券股份有限公司	
平安银行十年报告系列之四:平安,你的前面是星辰大海	2017-08-23	高建	东北证券股份有限公司	
平安银行:零售突破,对公做精	2017-08-17	交银国际证券研究所	交银国际证券有限公司	
平安银行半年报点评:业绩增长平稳,资产品质整体可控	2017-08-14	群益证券(香港)研究所	群益证券(香港)有限公司	
Ping An Bank:Fundamental recovery takes time;Hold	2017-08-14	Hans Fan,Jacky Zuo	德意志银行	
平安银行中报点评:转型沉潜蓄势,业绩平稳过渡	2017-08-14	刘冉	中原证券股份有限公司	
平安银行:不良处置加速,资产质量略升	2017-08-14	高建	东北证券股份有限公司	
平安银行:不良暴露加速,但零售转型成效显现	2017-08-14	廖志明	天风证券股份有限公司	

# Functionalities & Manual

## Manual

The screenshot shows a research report titled "平安银行:零售转型有基因、有方向、有资源,坚定看好" (Ping An Bank: Retail transformation has genes, direction, resources, firmly看好) from Tian Feng Securities. The report discusses the bank's Fintech strategy, retail transformation, and various business segments like cards and loans. It also highlights the company's strong Fintech team and its position as a leader in the industry.

The right side of the page features three main sections: "数据推荐" (Data Recommendations), "投资评级" (Investment Ratings), and "盈利预测" (Earnings Forecast). Each section includes a table of data:

- 数据推荐** (Data Recommendations):

最新投资评级	目标涨幅排名
上调投资评级	下调投资评级
机构关注度	行业关注度
股票综合评级	首次评级股票
- 投资评级** (Investment Ratings):

股票名称	最新评级	目标价	研报
宏发股份	持有	--	研报
中国国旅	买入	--	研报
首旅酒店	买入	--	研报
中青旅	买入	--	研报
黄山旅游	买入	--	研报
峨眉山A	买入	--	研报
生物股份	持有	--	研报
温氏股份	持有	--	研报
牧原股份	持有	--	研报
海大集团	持有	--	研报
隆平高科	持有	--	研报
- 盈利预测** (Earnings Forecast):

股票名称	11年EPS	12年EPS	研报
分众传媒	0	0	研报
捷成股份	1.05	0.80	研报
苏宁云商	0.70	0.56	研报
潮宏基	0.81	0.93	研报
武汉中商	0.36	0.30	研报
飞亚达A	0.42	0.40	研报
新华都	0.65	0.35	研报
金一文化	0	0	研报
合肥百货	0.90	0.68	研报
凯武森A	0.72	0.75	研报

# Functionalities & Manual

## Manual

The screenshot shows the Stocking app's main interface. On the left, there's a sidebar with a user icon, the brand name 'Stocking', and several menu items: '大数据展示', '新闻资讯', '龙虎榜', '基本面数据', '个人主页', and a search bar labeled '请输入股票代码'. The main content area is titled '龙虎榜' and displays four tables of stock market data:

- 无价格涨跌幅限制的证券**

股票代码	股票名称	当日涨跌幅	龙虎榜成交额 (万)	买入额 (万)	买入占总成交比例	卖出额 (万)	卖出占总成交比例
002913	奥士康	44.0092	98.83	85.59	1	13.24	0.15
300729	乐歌股份	44.0224	27.32	20.73	1	6.59	0.32
603848	好太太	43.9797	23.16	17.48	1	5.68	0.32
- 日均换手率与前五个交易日的日均换手率的比值达到30倍，且换手率累计达20%的证券**

股票代码	股票名称	当日涨跌幅	龙虎榜成交额 (万)	买入额 (万)	买入占总成交比例	卖出额 (万)	卖出占总成交比例
002070	*ST众和	4.9383	16322.51	6243.73	0.09	10078.78	0.15
- 日振幅值达到15%的前五只证券**

股票代码	股票名称	当日涨跌幅	龙虎榜成交额 (万)	买入额 (万)	买入占总成交比例	卖出额 (万)	卖出占总成交比例
000821	京山轻机	3.2258	4983.11	2998.15	0.24	1984.96	0.16
002879	长缆科技	2.2021	25150.89	12575.35	0.38	12575.54	0.38
300384	三联虹普	-1.2604	4672.73	2838.29	0.29	1834.43	0.19
- 日换手率达到20%的前五只证券**

股票代码	股票名称	当日涨跌幅	龙虎榜成交额 (万)	买入额 (万)	买入占总成交比例	卖出额 (万)	卖出占总成交比例
002830	名雕股份	-5.7587	3869.13	1827.58	0.1	2041.55	0.11
002839	张家港行	-2.7966	6875.4	2262.29	0.05	4613.12	0.09
002893	华通热力	3.0885	6297.96	3106.25	0.18	3191.71	0.19

list of reasons  
and list of  
stocks are real-  
time changing

# Functionalities & Manual

## Manual

The screenshot shows the Stocking app's user interface. On the left is a sidebar with the following sections: 大数据展示 (Big Data Display), 新闻资讯 (News), 龙虎榜 (Dragon Tiger Board), 基本面数据 (Fundamental Data), and 个人主页 (Personal Home). A search bar at the bottom of the sidebar contains the placeholder text "请输入股票代码". The main content area has a title 基本面数据 (Fundamental Data) and a row of five buttons: 盈利能力 (Profitability), 营运能力 (Operational Efficiency), 成长能力 (Growth), 偿债能力 (Debt Repayment), and 现金流量 (Cash Flow). Below these buttons is a table with 23 rows of financial data for various companies. The columns are: 股票代码 (Stock Code), 股票名称 (Stock Name), 净资产收益率(%) (ROE %), 净利率(%) (Net Profit Margin %), 毛利率(%) (Gross Profit Margin %), 净利润(万元) (Net Profit in Ten Thousand Yuan), 每股收益 (EPS), 营业收入(百万元) (Revenue in Hundred Million Yuan), and 每股主营业务收入(元) (Main Business Revenue per Share in Yuan).

股票代码	股票名称	净资产收益率(%)	净利率(%)	毛利率(%)	净利润(万元)	每股收益	营业收入(百万元)	每股主营业务收入(元)
000001	平安银行	8.78	23.99	72.4262	19153	1.1154	79833	4.6494
000002	万科A	9.53	9.47	31.731	11091.0009	1.0046	117100.5037	10.6077
000004	国农科技	-4.7	-7.65	50.3757	-5.4343	-0.0647	70.9978	0.8454
000005	世纪星源	-1.28	-5.15	29.8627	-16.2133	-0.0153	314.2272	0.2968
000006	深振业A	6.64	14.62	30.4757	339.1368	0.2512	2319.261	1.7179
000007	全新好	2.71	30.32	66.6815	10.3279	0.0298	34.06	0.0983
000008	神州高铁	1.95	12.45	50.0623	121.9246	0.0432	979.1406	0.3473
000009	中国宝安	3.88	3.7	34.5686	180.479	0.0839	4873.1155	2.2672
000010	美丽生态	0.56	1.98	29.6699	12.6864	0.0154	639.9988	0.7806
000011	深物业A	20.01	21.71	46.4679	576.1666	0.9667	2652.7278	4.451
000012	南玻A	8.51	9.12	25.1808	711.0114	0.2979	7790.9084	3.2643
000014	沙河股份	0.6	1.03	15.4971	4.4468	0.022	428.4093	2.1239
000016	深康佳A	4.23	0.63	10.5664	128.8457	0.0535	20163.619	8.3737
000017	深中华A	-10.48	-1.42	7.0256	-1.3635	-0.0024	95.5169	0.1732
000018	神州长城	20.09	8.76	21.9403	410.4608	0.2416	4685.2075	2.7588
000019	深深宝A	-2.7	-11.43	23.74	-26.389	-0.0531	230.7467	0.4644
000020	深华发A	0.1	0.05	9.1244	0.3484	0.0012	672.361	2.3744
000021	深科技	8.07	4.37	6.2176	469.0063	0.3187	10725.5528	7.29
000022	深赤湾A	9.05	23.64	43.8834	440.4234	0.683	1862.9123	2.8892
000023	深天地A	8.14	3.92	11.1259	33.8492	0.2439	862.4425	6.2155



Click the icon for the different dimensions to view individual company information of different dimensions



# Functionalities & Manual

## Manual



Strocking

登出

大数据展示

新闻资讯

龙虎榜

基本面数据

个人主页

请输入股票代码

盈利能力	营运能力	成长能力	偿债能力	现金流量			
股票代码	股票名称	应收账款周转率(次)	应收账款周转天数(天)	存货周转率(次)	存货周转天数(天)	流动资产周转率(次)	流动资产周转天数(天)
000002	万科A	69.3443	3.8936	0.1571	1718.6505	0.1445	1868.5121
000004	国农科技	24.41	11.061	3.7837	71.3587	0.4924	548.3347
000005	世纪星源	2.3349	115.6366	0.4291	629.224	0.2921	924.341
000006	深振业A	340.9495	0.7919	0.2208	1222.8261	0.2085	1294.964
000007	全新好	30.5299	8.8438	102.2566	2.6404	0.156	1730.7692
000008	神州高铁	0.5634	479.2332	0.6646	406.2594	0.2076	1300.578
000009	中国宝安	2.8299	95.4097	0.3899	692.4853	0.2988	903.6145
000010	美丽生态	1.7892	150.9054	0.2363	1142.6153	0.212	1273.5849
000011	深物业A	68.5206	3.9404	0.6488	416.1529	0.5212	518.0353
000012	南玻A	11.2391	24.0233	9.905	27.259	2.3483	114.9768
000014	沙河股份	436.3606	0.6188	0.292	924.6575	0.282	957.4468
000016	深康佳A	8.24	32.767	3.0529	88.4405	1.2729	212.1141
000017	深中华A	5.1788	52.1356	15.197	17.7667	1.8781	143.7623
000018	神州长城	1.0651	253.4973	9.6288	28.0409	0.5549	486.5742
000019	深深宝A	2.9073	92.8697	1.144	236.014	0.3898	692.6629
000020	深华发A	3.7417	72.1597	12.103	22.3085	1.7615	153.2785
000021	深科技	4.9449	54.6017	8.6163	31.336	1.1134	242.5004
000022	深赤湾A	7.0072	38.5318	50.7267	5.3226	1.8866	143.1146

« 1 2 3 4 5 6 7 8 9 10 »



# Functionalities & Manual

Click here to logout  
and go back to the  
login page

Manual

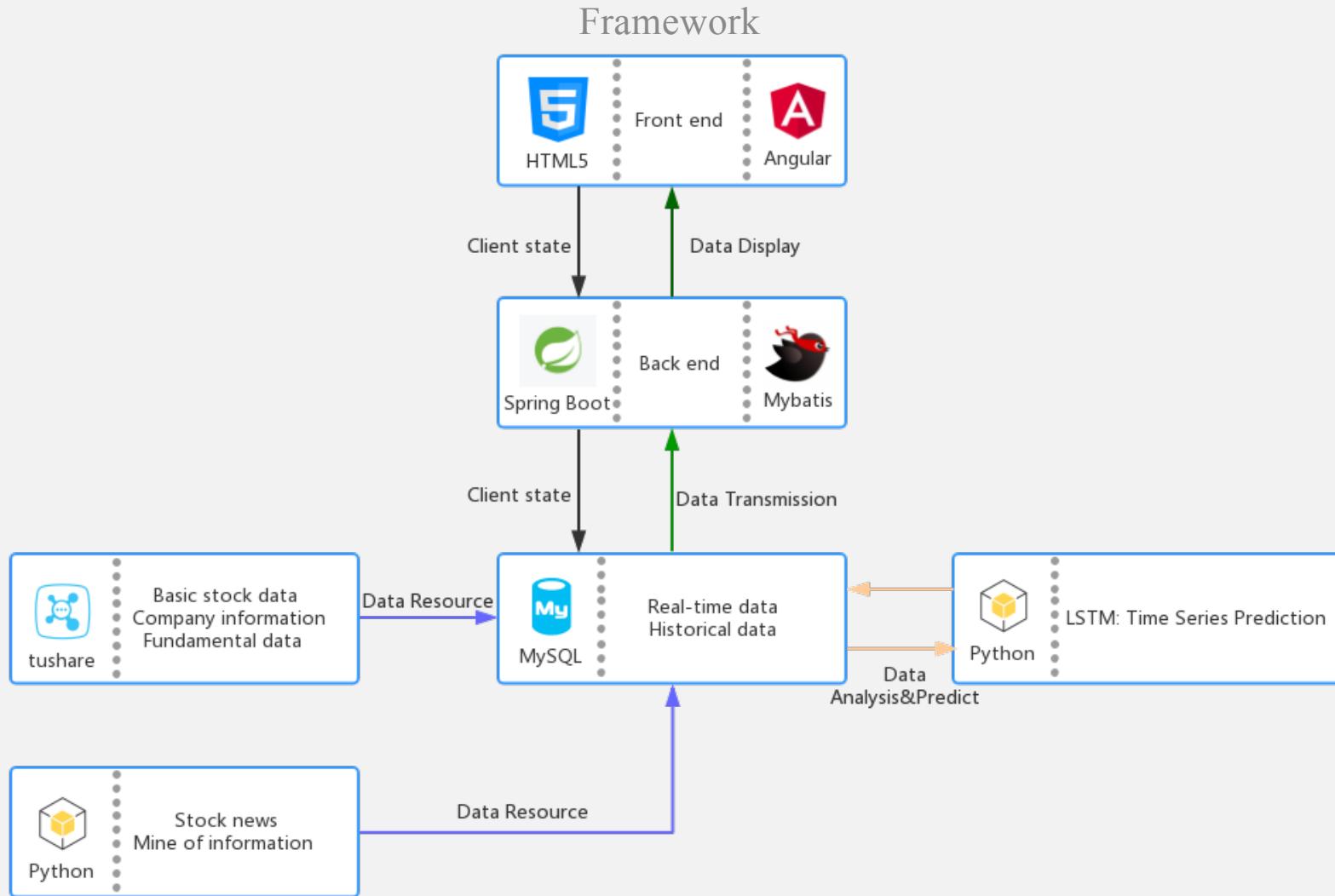
The screenshot shows a user profile interface. At the top left is a sidebar with a logo of a stocking and the word 'Stocking'. It has links for '大数据展示', '新闻资讯', '龙虎榜', '基本面数据', and '个人主页'. At the top right are '个人中心' and '退出'. The main area has two sections: '个人信息' on the left showing a profile picture of a stocking and contact info (名字: cc, 昵称: Molly, 邮箱: ccMolly@gmail.com), and '自选股信息' on the right listing stocks (平安银行, 西藏城投). A blue arrow points from the '退出' link to the text 'Click here to logout and go back to the login page'. Another blue arrow points from the stock list to the text 'Click one stock to go to corresponding detail page'.

Click one stock to  
go to corresponding  
detail page



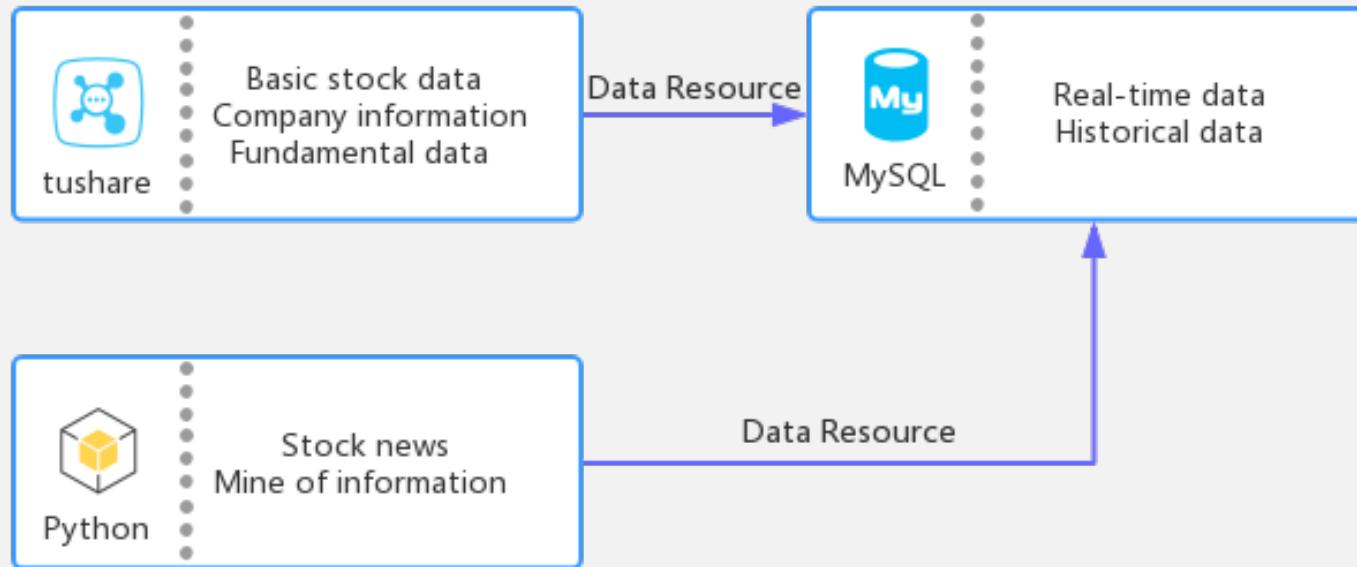
# Architecture & Components

# Architecture & Components



# Architecture & Components

## Data Acquisition



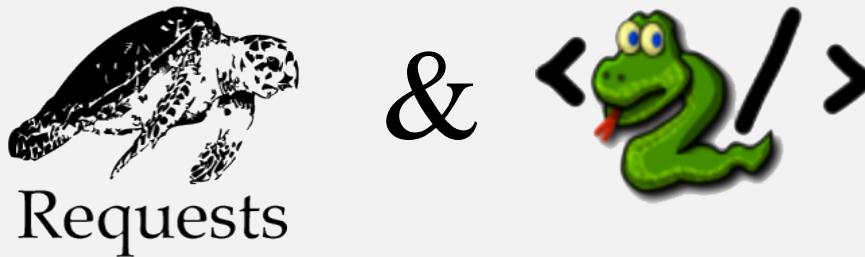
# Architecture & Components

Data Acquisition



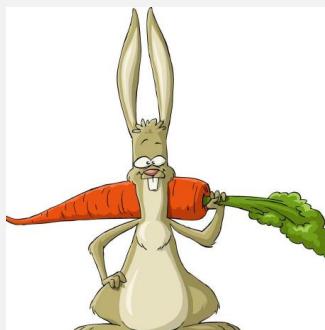
## Scrapy

Scrapy: A free and open source web crawling framework



Requests: A Python HTTP library

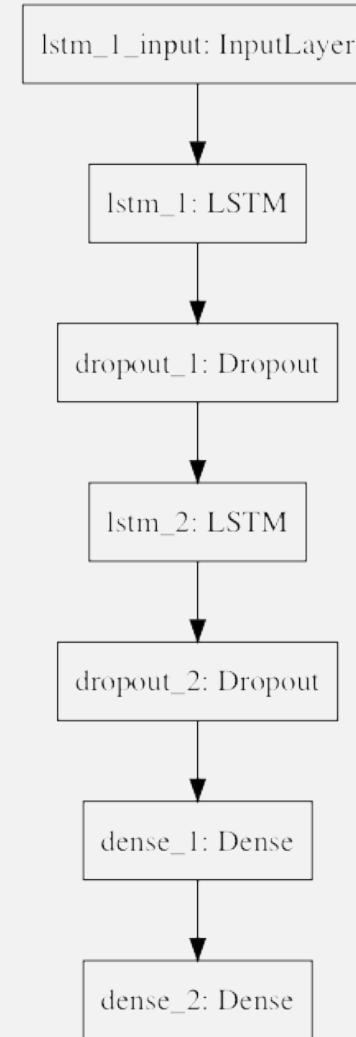
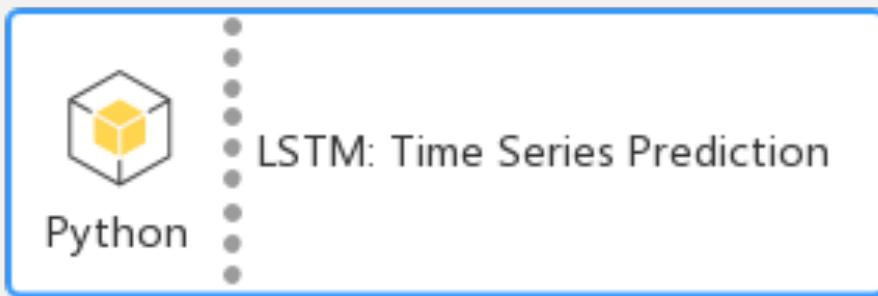
lxml: A easy-to-use library for processing XML and HTML



Tushare: A free, open source python financial data interface package.

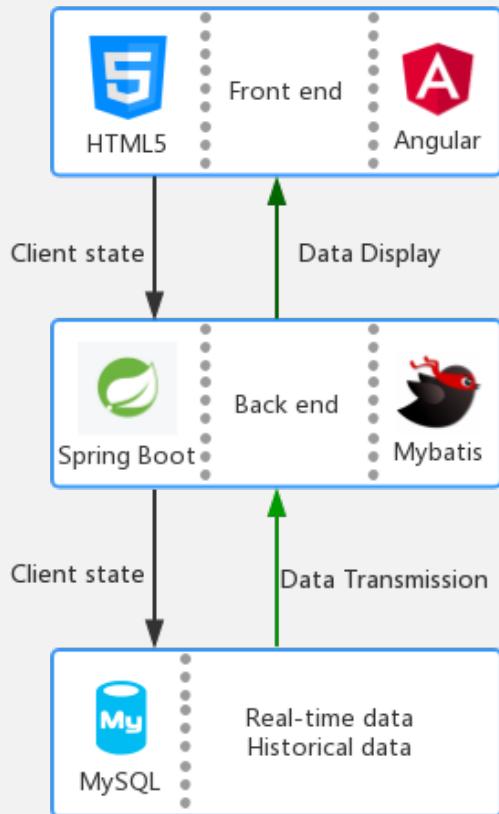
# Architecture & Components

## Data Analysis



# Architecture & Components

Data display



# Architecture & Components

Data display



Spring Boot

Less Configuration files

Easy-to-use Annotations

Inner Tomcat Server

# Architecture & Components

Data display

Encapsulating database connections.

Simple and clear program layers.

Models correspondingly map to the tables



Mybatis

# Architecture & Components

Data display



Spring RESTful

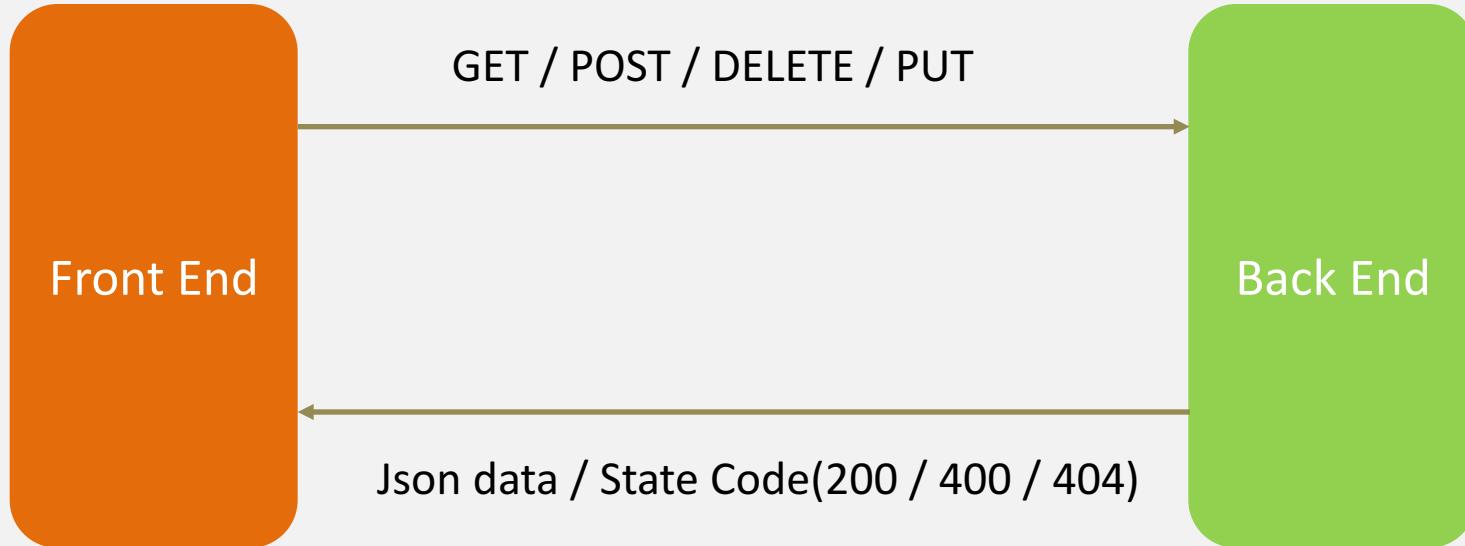
Clear layers separation.

Unify data transform format

# Architecture & Components

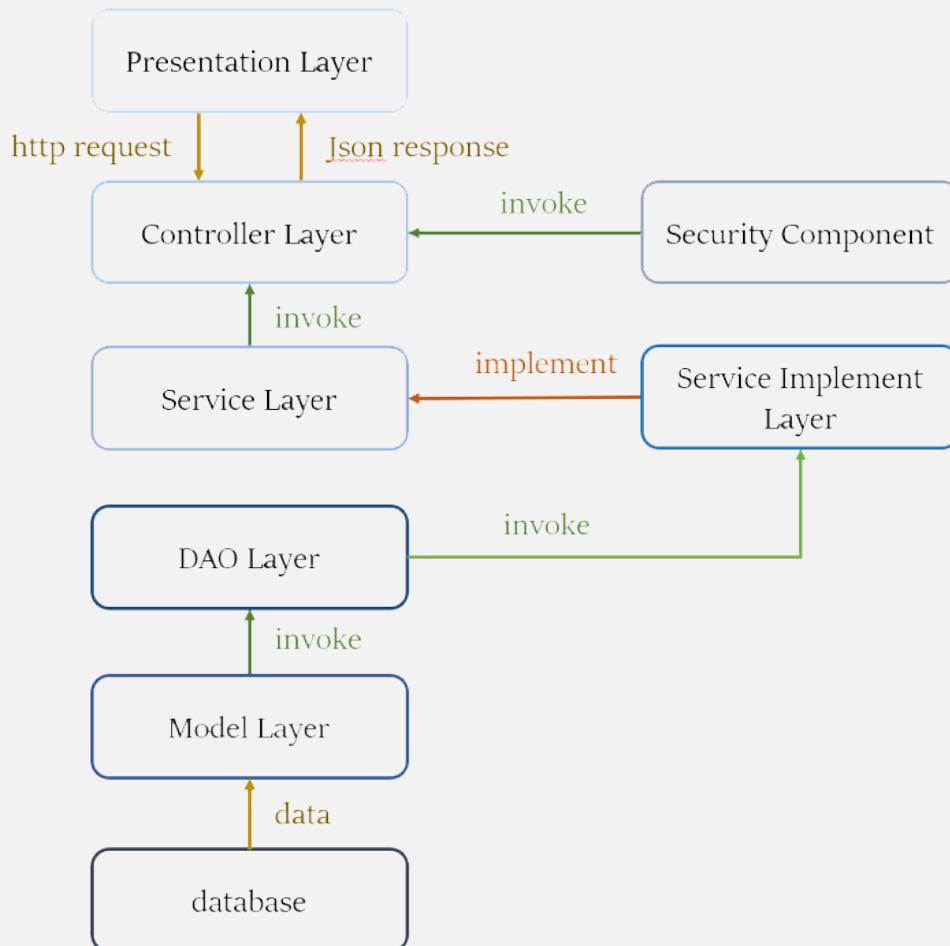
Data display

## Data Transform Format



# Architecture & Components

Data display



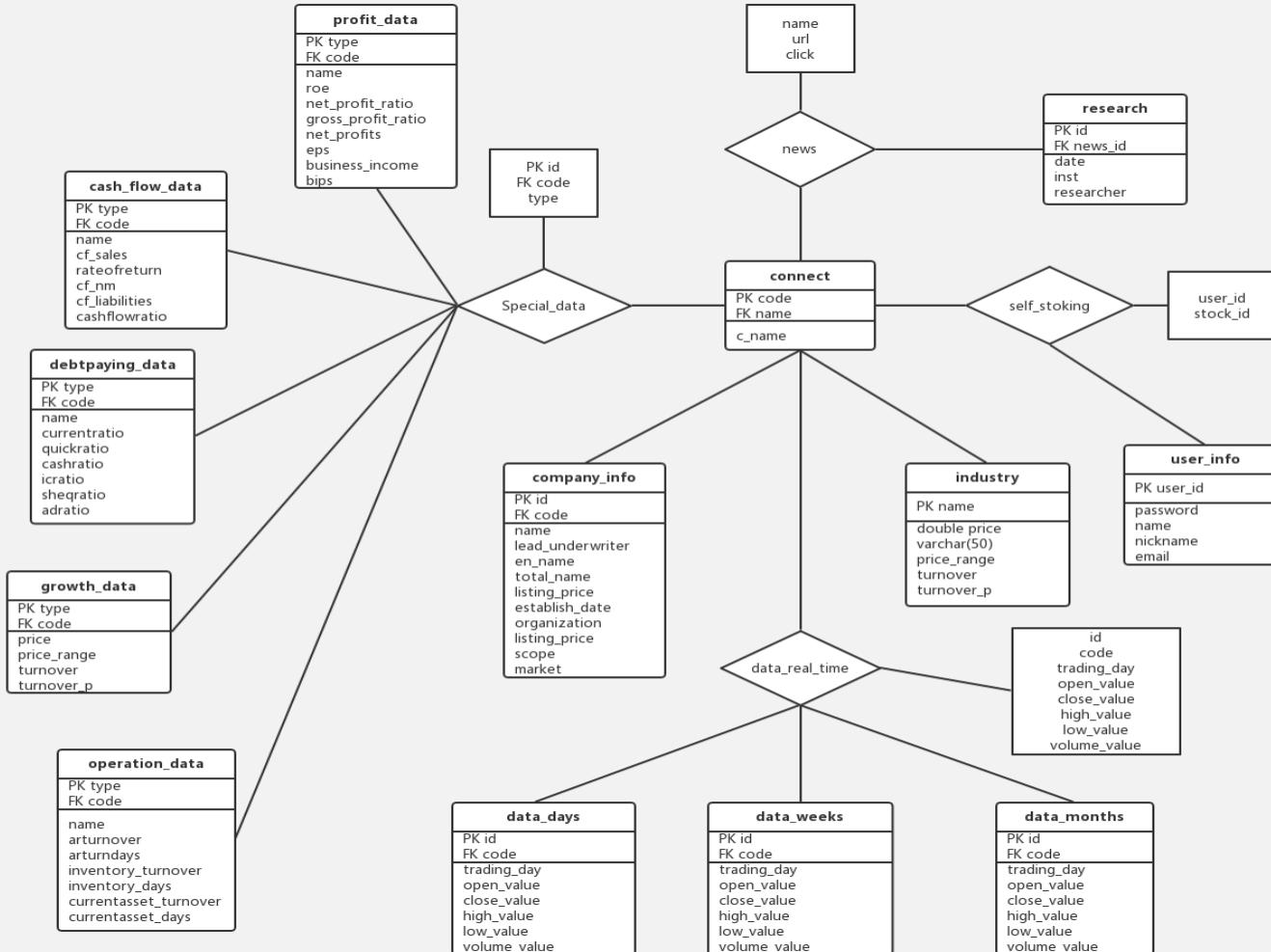
# Architecture & Components

## Data Storage



# Architecture & Components

## Data Storage





# Collaboration & Issue

# Collaboration & Issue

## Plan & Schedule

01

Preliminary  
Investigation



03

Rear-end Front-end  
Implement



05

Data  
Analyze & Predict



07

Document Writing



02

Historical Data  
ETL



04

Real-time Data  
Update



06

Software Testing



# Collaboration & Issue

Teamwork tools



# Collaboration & Issue

leangoo

The screenshot shows a Kanban board for a JavaEE project. The board is organized into four columns:

- 待处理需求 / 特性 (2)**: Contains two cards: "自动化测试脚本" (due 12月23日) and "性能测试脚本" (due 12月23日).
- 分析、demo - 进行中 (1)**: Contains one card: "前端与后端数据衔接" (due 12月16日).
- 开发 - 进行中 (3)**: Contains three cards: "前端静态代码" (due 12月09日), "后端接口" (due 12月10日), and "自选股相关信息爬虫" (due 12月08日).
- 开发 - 完成 (5)**: Contains five cards: "基本面信息导入数据库" (due 11月22日), "建立数据库" (due 11月11日), "自动更新数据" (due 11月22日), "寻找一个稳定的代理ip" (due 11月29日), and "默认新闻爬虫" (due 12月05日).

Each card includes a small user icon, a due date, and a comment count. A "添加卡片..." button is located at the bottom of each column. On the right side of the board, there are buttons for "添加列表" and "复制". The top navigation bar includes links for 活动, 文章, and 课程, as well as a search bar and a user profile icon.



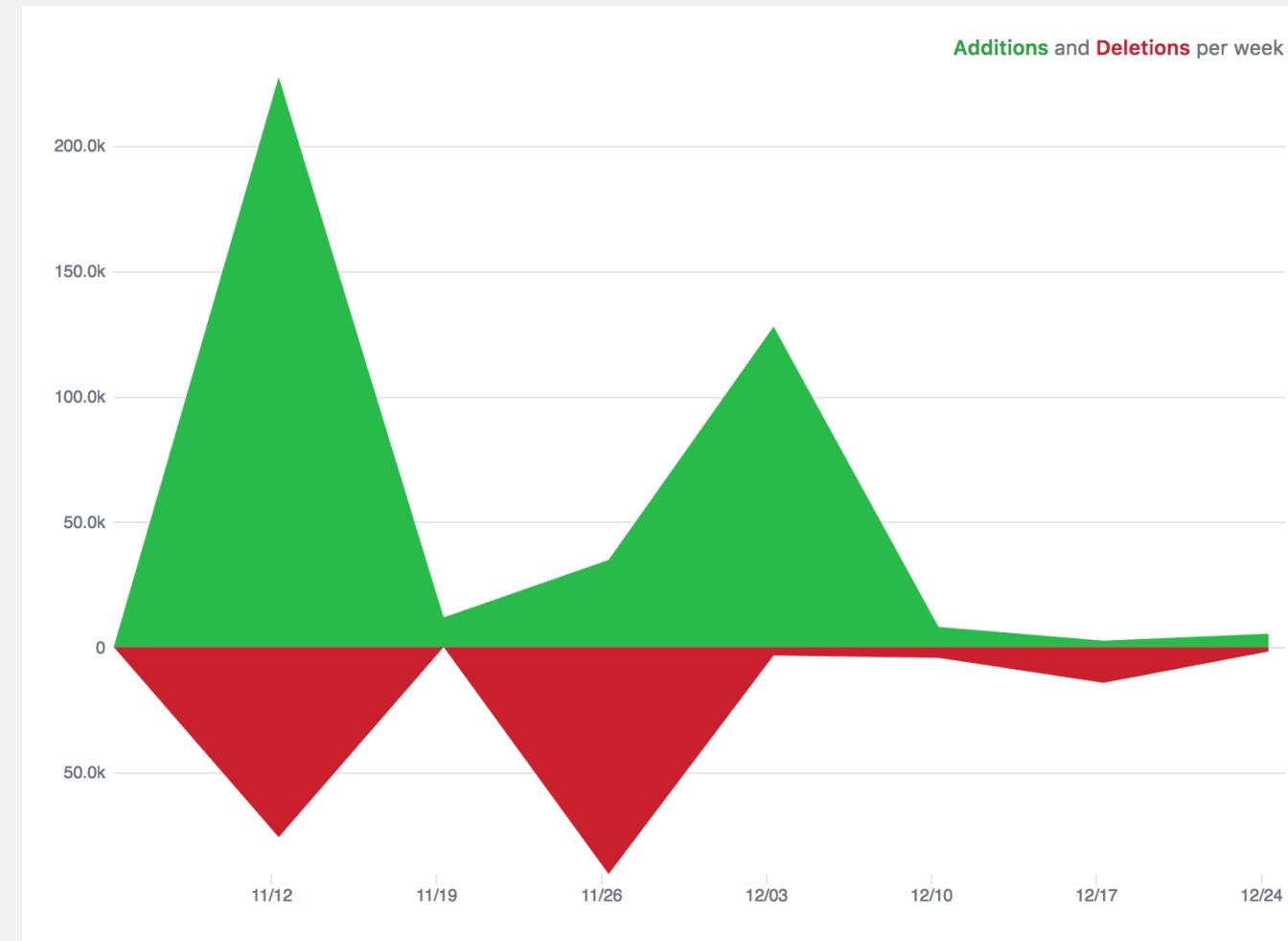
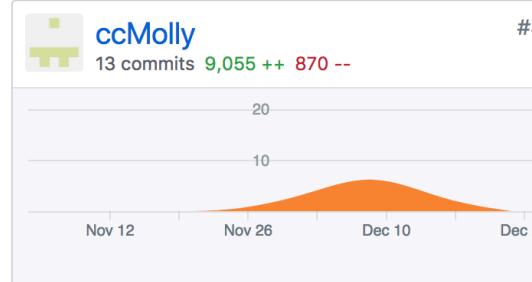
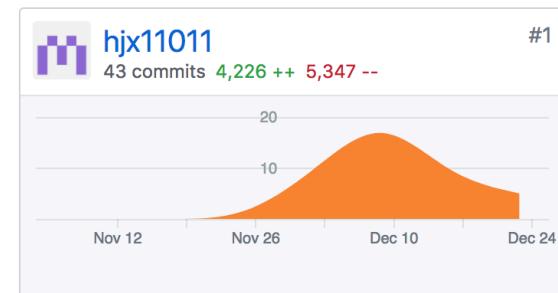
# Collaboration & Issue

Github

Nov 5, 2017 – Dec 27, 2017

Contributions: Commits ▾

Contributions to master, excluding merge commits



# Collaboration & Issue

Github

The screenshot shows the GitHub desktop application interface. The main area displays a timeline of commits and merges across multiple branches. A specific merge commit for pull request #25 from FoxerLee/wukefei into the liyuan branch is highlighted. Below this, a detailed view of a file comparison between two versions of static/detail.html is shown, highlighting changes related to theme styling.

**Commits and Branches:**

- Commit 69f8dd1: Merge branch 'hujiaxin'
- Commit f9dba9f: Merge branch 'hujiaxin' of https://github.com/FoxerLee/Financial-Data-Analyze into hujiaxin
- Commit 6da68a4: Merge pull request #27 from FoxerLee/liyuan
- Commit b81ce5e: fix ng-repeat bug
- Commit 8937699: Merge commit 'd618d45bda2a8bc2f24f904c573baaf1868fb8e0'
- Commit d618d45: Merge branch 'hujiaxin' of https://github.com/FoxerLee/Financial-Data-Analyze into hujiaxin
- Commit 0165c49: Merge pull request #26 from FoxerLee/liyuan
- Commit c853104: Merge pull request #25 from FoxerLee/wukefei
- Commit 4289702: Merge branch 'master' into wukefei
- Commit 7cd08a4: Merge pull request #24 from FoxerLee/liyuan
- Commit 24cc951: Merge pull request #23 from FoxerLee/wukefei
- Commit 2283980: Merge pull request #22 from FoxerLee/wukefei
- Commit 5673d20: Merge branch 'master' into wukefei
- Commit 043c3ee: Merge branch 'master' into wukefei
- Commit 2b57ee1: Merge branch 'master' into wukefei
- Commit c6fcf4c: Merge branch 'master' into wukefei
- Commit c15e656: Merge branch 'master' into wukefei
- Commit a63d2d7: Merge branch 'master' into wukefei
- Commit 38f3dac: Merge branch 'master' into wukefei
- Commit 3a13a64: Merge branch 'master' into wukefei
- Commit e24aa49: Merge branch 'master' into wukefei
- Commit 542f4b9: Merge branch 'master' into wukefei
- Commit 94e3283: Merge branch 'master' into wukefei
- Commit da4837c: Merge branch 'master' into wukefei
- Commit b0f4746: Merge branch 'master' into wukefei
- Commit a6d14b6: Merge branch 'master' into wukefei
- Commit 775a062: Merge branch 'master' into wukefei

**File Comparison (demo/src/main/resources/static/detail.html):**

```
diff --git a/demo/src/main/resources/static/detail.html b/demo/src/main/resources/static/detail.html
--- a/demo/src/main/resources/static/detail.html
+++ b/demo/src/main/resources/static/detail.html
@@ -9,9 +9,12 @@
<script src="js/angular-route.js"></script>
<!-- Custom Theme files -->
<!--theme-style-->
+<link href="css/style_cc.css" rel="stylesheet" type="text/css" media="all" />
<link href="css/estyles_cc.css" rel="stylesheet" type="text/css" media="all" />
```

# Collaboration & Issue

## Personnel Allocation

- 李 源: Data Analyze 25%
- 胡嘉鑫: Back-end, Database 25%
- 吴可菲: Front-end, Back-end 25%
- 陈明曦: Front-end, Data Analyze 25%

# Collaboration & Issue

## Proxy IP

### Proxy IP

- In order to be able to achieve the request data per minute, we modified the source code of tushare, an increase of proxy IP

```
try:  
    if flag==1:  
  
        proxy_info = {'host': '10.60.42.201',  
                      'port': 13143  
                    }  
  
        # proxy_info = {'host': '120.78.142.72',  
        #                 'port': 8888  
        #               }  
  
        # We create a handler for the proxy  
        proxy_support = urllib2.ProxyHandler({"http": "http://%(host)s:%(port)d" % proxy_info})  
  
        # We create an opener which uses this handler:  
        opener = urllib2.build_opener(proxy_support)  
  
        # Then we install this opener as the default opener for urllib2:  
        # urllib2.install_opener(opener)  
        text = opener.open(myurl,timeout=10).read()  
    # elif flag == 2:  
    #     proxy_info = {'host': '10.60.42.201',  
    #                   'port': 13143  
    #                 }  
  
    #     # proxy_info = {'host': '120.78.142.72',  
    #     #                     'port': 8888  
    #     #                   }  
  
    #     # We create a handler for the proxy  
    #     proxy_support = urllib2.ProxyHandler({"http": "http://%(host)s:%(port)d" % proxy_info})  
  
    #     # We create an opener which uses this handler:  
    #     opener = urllib2.build_opener(proxy_support)  
  
    #     # Then we install this opener as the default opener for urllib2:  
    #     # urllib2.install_opener(opener)  
    #     text = opener.open(myurl,timeout=10).read()  
    else:  
        text = urllib2.urlopen(myurl,timeout=10).read()
```

# Collaboration & Issue

Performance Test

Performance Test



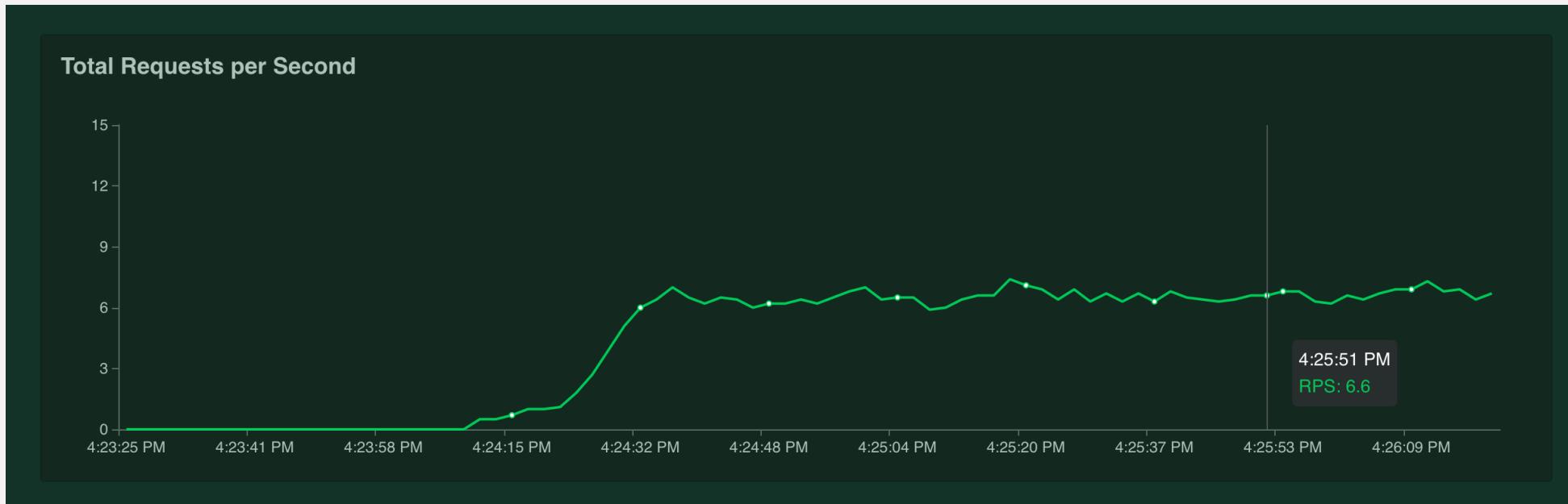
LOCUST

Type	Name	# requests	# fails	Median (ms)	Average (ms)	Min (ms)	Max (ms)	Content Size	# reqs/sec
get	/detail.html?code=000001	218	0	7	12	3	320	28316	2.8
get	/fundamentals.html	213	0	7	12	3	136	15445	1.7
get	/ranking.html	226	0	7	10	3	153	5856	1.8
<b>Total</b>		<b>657</b>	<b>0</b>	<b>7</b>	<b>11</b>	<b>3</b>	<b>320</b>	<b>16417</b>	<b>6.3</b>

# Collaboration & Issue

Performance Test

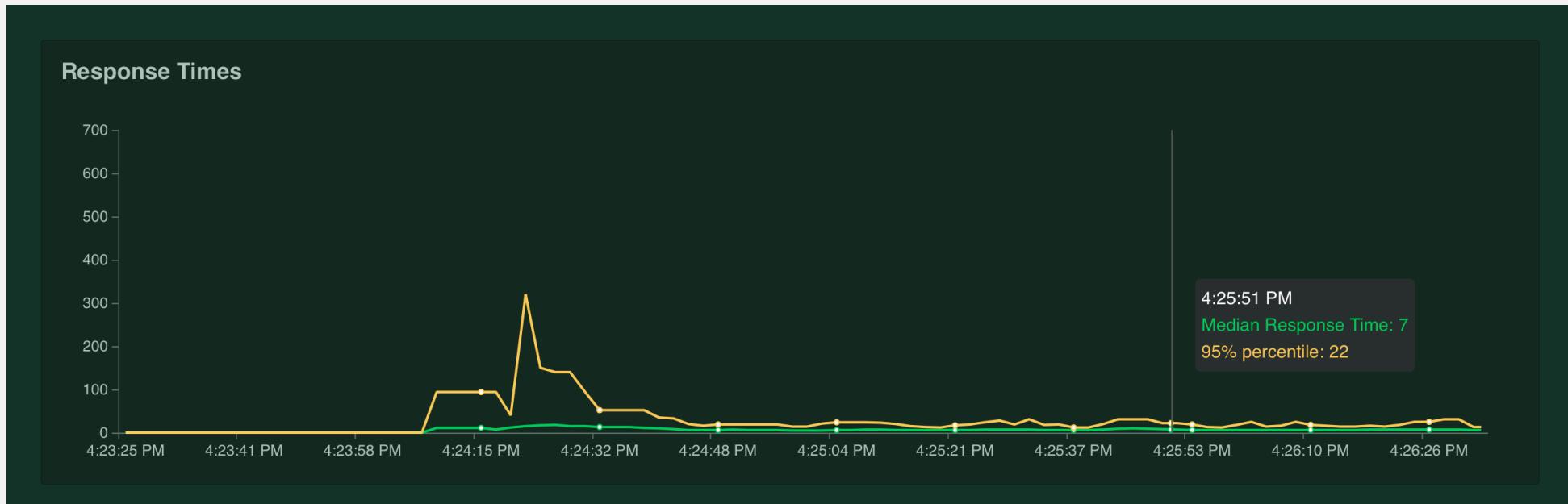
## Performance Test



# Collaboration & Issue

Performance Test

## Performance Test



• SUCCESS •

This presentation was created by John Doe

•





STOCKING

## Special Thanks

- Hongfei Han @ Software of Engineering, Tongji University
- Shijin Yuan @ Software of Engineering, Tongji University
- Zongjin Luo @ Software of Engineering, Tongji University
- jimmysoa @ Waditu



Stocking

Thanks for Watching