

Seminar 1

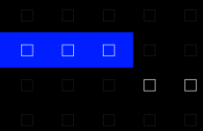
International Finance

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Refinitiv – Thomson Reuters

- [About the software](#)
- Thomson Reuters vs. Bloomberg
 - Our users shared that Thomson Eikon (Refinitiv) is the newer, more affordable platform while Bloomberg is the industry leader with its advantage being **its chat functionality that is widely used across the street** ([source](#)).



COVERAGE

LEVERAGE APPLIED LEARNING USING REAL-WORLD DATA AND STATISTICS

40 BILLION

Daily market data updates

92.5 MILLION

Company financial data

51 MILLION

Estimates and KPIs

52.8 MILLION

Research pages per year from 1,300 firms

9.5 MILLION

Economic time series

1.3 MILLION

Equity quotes from 325 exchanges

Market data and pricing

The widest available range of cross-asset data through low-latency, real-time and bulk-content delivery systems.

- Indices
- Benchmarks
- Lipper Fund data
- Equities
- Derivatives & options
- Derivatives & options
- Exchange-traded funds
- Evaluated pricing
- Fixed income
- Foreign exchange – FX and interest rate polls
- Futures
- Loan pricing
- Municipal bonds
- New issues
- Real-time pricing

Economic data

The largest collection of global economic time series content in the industry.

- Global key indicators
- National sources and calendars
- International historical sources
- Forward-looking economic indicators

News and insight

Extensive coverage from the world's leading financial news organization.

- Reuters News
- Third-party news sources and news wires
- Thomson Reuters news
- Analytics and MarketPsych Indices

Company data

Comprehensive and timely information to inform in-depth, bottom-up analyses. The leading provider of detailed company data.

- Bond holdings
- Business classifications
- Credit (CDS)
- Company news
- Corporate actions
- Debt new issues
- Entity risk (corporate structures)
- ESG data (ranking and ratings)
- Estimates
- Equity new issues
- Events & transcripts
- Fundamentals
- Investment research
- Mergers and acquisitions
- People data
- Ownership
- Private company data
- Shareholder activism
- Intelligence
- Shareholding disclosures
- Syndicate loans and project finance
- Venture capital and private equity data

Reference data

Data to support security master and enterprise data management and asset set-up.

- Index constituents & weightings
- Industry classifications
- Symbology
- Terms and conditions

Analytics

Unique data sets support idea generation, due diligence and decisions.

- Deal analytics
- StarMine® quantitative analytics and models

academic institutions

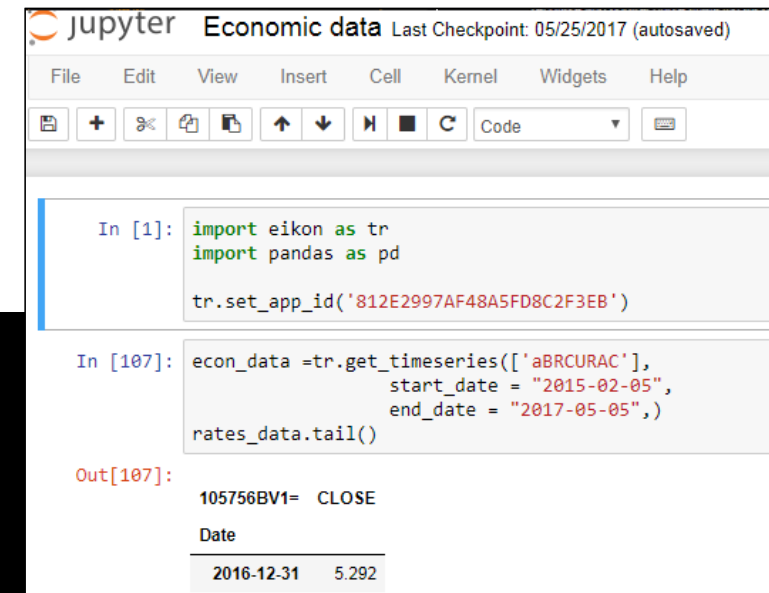
Enhanced multi-platform experience

Students can continue their research seamlessly even away from university by accessing Workspace from their personal desktops or tablet via workspace.refinitiv.com/web

Open and agile

Students can conduct deeper data modeling and analysis with modern APIs and popular languages like Python, helping them broaden their knowledge of the markets.

They can also access the raw data, extract it, build it into models and applications – open access to our data – to drive innovation and your research.



```
jupyter Economic data Last Checkpoint: 05/25/2017 (autosaved)
File Edit View Insert Cell Kernel Widgets Help
+ ✖ 📄 📄 ⬆ ⬆ ⏪ ⏹ ⏩ Code 🗨

In [1]: import eikon as tr
import pandas as pd

tr.set_app_id('812E2997AF48A5FD8C2F3EB')

In [107]: econ_data =tr.get_timeseries(['aBRCURAC'],
start_date = "2015-02-05",
end_date = "2017-05-05",)
rates_data.tail()

Out[107]:
105756BV1= CLOSE
Date
2016-12-31 5.292
```

News

News Monitor

Your real-time, highly-customisable news feed that automatically helps you focus on the stories that matter most to you.

Keep your finger on the pulse with our unmatched news coverage spanning every asset class, including FX, fixed income, equities, commodities, alternative investments and real estate.

Top News

The biggest business and political stories that are moving markets around the world, curated by Reuters editors.

With 42 Top News pages in 6 languages, you can customise across sectors, industries, companies, regions and topics.

Reuters Breakingviews

Go beyond the headlines.

The world's leading source of agenda-setting, predictive financial insight, Breakingviews dissects the stories as they break.

Based in major financial centres, our Breakingviews editors bring you fresh ideas, genuine insight and in-depth analysis of the key financial stories in near real-time.

Curated topical news

Navigate the evolving cycle of world events with our series of themed, Reuters news curation.

From global elections, Brexit and Biden's agenda, to COVID-19, the World Economic Forum and the Olympics – if news moves the markets we'll deliver it to you, swiftly and conveniently in one place.

EIKON'S EXCLUSIVE REUTERS NEWS

170

years' legacy of trusted news

2,500

journalists

4 million

Reuters stories a year across all asset classes

Twitter					
Enter RIC, Topic, Portfolio...					
Real-time streaming headlines					
FILTERS	Time	RICs	Source	Headline	
Sources Selection Reset to: Suggested All <input type="checkbox"/> News Wires (1063/1063) <input type="checkbox"/> Global Press (86/5841) <input type="checkbox"/> Web News (2609/3769) <input checked="" type="checkbox"/> Social Media (1/1) Save as Advanced Filter	12:46:36 PM		TWTR	<input type="checkbox"/> @staunovo: Retweeted @JavierBlas: COAL MARKET: China is allowing more than 50 coal mines in Shanx...	
	12:46:24 PM	YETLN W...	TWTR	<input type="checkbox"/> @TheStreet: Following an IPO from \$WEBR and an earnings report from \$YETI, @jimcramer explains wha...	
	12:46:13 PM		TWTR	<input type="checkbox"/> @NewYorkFed: In this edition of our Comic Book Series, read about the growing economy on Planet...	
	12:46:04 PM		TWTR	<input type="checkbox"/> @staunovo: Retweeted @C_Barraud: π #Italy Tightens Screws on Unvaccinated People as New Cases...	
	12:46:03 PM	PIO.O CH...	TWTR	<input type="checkbox"/> @MarketCurrents: \$PIO \$CGW - Water ETFs may be cooling off as they've hit overbought technical level...	
	12:46:01 PM	PAYX.OO ...	TWTR	<input type="checkbox"/> @ChartMill: \$COST, \$PAYX and \$KDP are the top gainers in the Nasdaq 100 for the day....	
	12:45:58 PM		TWTR	<input type="checkbox"/> @carlquinlanilla: Retweeted @MoreMovies4U: The fifth Beatle kickin' it into touch! 🎸🤪🎸❤️	
	12:45:57 PM		TWTR	<input type="checkbox"/> @RookieXBT: Replying to @CL207: The other two floor wild whites got scooped up after me Cheapest...	
	12:45:55 PM		TWTR	<input type="checkbox"/> @barbfriedberg: Retweeted @barbfriedberg: https://t.co/llfmgfy3F4 I used to invest in physical real estat...	
	12:45:31 PM		TWTR	<input type="checkbox"/> @nvca: @VCForward's first impact report highlights several ways you can get involved with their efforts t...	
	12:45:29 PM		TWTR	<input type="checkbox"/> @CoinDesk: @Fidelity has taken a sizable stake in crypto mining firm @MarathonDH By @NelWang...	
	12:45:28 PM	TSLA.O	TWTR	<input type="checkbox"/> @sspencer_smb: in general, you are only going to see a tweet like this from someone under the age of...	
	12:45:21 PM		TWTR	<input type="checkbox"/> @sdonnan: The investment (and economic) case for press freedom... https://t.co/OIBkILfRIE	
	12:45:14 PM	VCP.HNO...	TWTR	<input type="checkbox"/> @markminervint: Replying to @mogam6o: \$SQ is a perfect VCP with a huge volume breakout on 8/2 an...	
	12:45:05 PM		TWTR	<input type="checkbox"/> @TonyVidler: Don't Underestimate the Importance of Community https://t.co/B2evpx1frO	
	12:45:04 PM	ARLP.OO ...	TWTR	<input type="checkbox"/> @ChartMill: \$ARLP: Both the short term and long term trends are positive. This is a very positive sign...	
	12:45:03 PM	DNT.TO	TWTR	<input type="checkbox"/> @CoinTelegraph: United Kingdom-based digital asset platform Copper .co is ready to make a splash in th...	
	12:45:03 PM		TWTR	<input type="checkbox"/> @CoinDesk: Ransomware is on the rise and cryptocurrency has an undeniable role in enabling these...	
	12:45:02 PM		TWTR	<input type="checkbox"/> @DailyFXTeam: IG Client Sentiment Update: Our data shows the vast majority of traders in Silver are lon...	
	12:45:01 PM		TWTR	<input type="checkbox"/> @VentureBeat: Buildots boosts digital twin process mining with \$30M https://t.co/BL0y97B2dz	
	12:45:00 PM	OLAM.SI ...	TWTR	<input type="checkbox"/> @EconomicTimes: Nutanix has deployed its cloud-computing platform to connect farmers and customers...	
	12:44:56 PM	NAUTO.A ...	TWTR	<input type="checkbox"/> @psk2329: Nautilus Biotechnology Shares Resume Trading, Continue Higher, Up 31% \$NAUT Up on...	
	12:44:46 PM	BTC=	TWTR	<input type="checkbox"/> @newsforextrader: Retweeted @Your_NLP_Coach: \$BTC reached my target. Trade closed! Stop missing...	
	12:44:45 PM		TWTR	<input type="checkbox"/> @dlacalle_IA: Replying to @MarioBerky @KingKong9888 @MichaelRosmer: No we have not. This is not...	
	12:44:34 PM	BTC=	TWTR	<input type="checkbox"/> @newsforextrader: Retweeted @im_goomba: A bearish engulfing right after a bullish one the 1D chart...	
	12:44:33 PM		TWTR	<input type="checkbox"/> @CoinTelegraph: A deep dive into Christie's annual Art+Tech Summit, where artists, collectors,...	
	12:44:30 PM		TWTR	<input type="checkbox"/> @chigr: Replying to @Deltaone: Markets not going to like this. That said, does it really matter? All the...	
	12:44:29 PM		TWTR	<input type="checkbox"/> @WayneHimelstein: Replying to @PabloS07412557: A fantastic counter-point. The problem arises from...	
	12:44:23 PM	1B10.HK	TWTR	<input type="checkbox"/> @newsforextrader: Retweeted @davidgokhshtein: Xiaomi Starts Accepting #Bitcoin, #Ethereum and...	
	12:44:20 PM	CURO.N	TWTR	<input type="checkbox"/> @MarketCurrents: \$CURO - Curo Group goes ex-dividend tomorrow https://t.co/ds75f5o4a4	

News Monitor (NEWS)

Access and filter real-time, market-moving headlines from Reuters and other news providers.



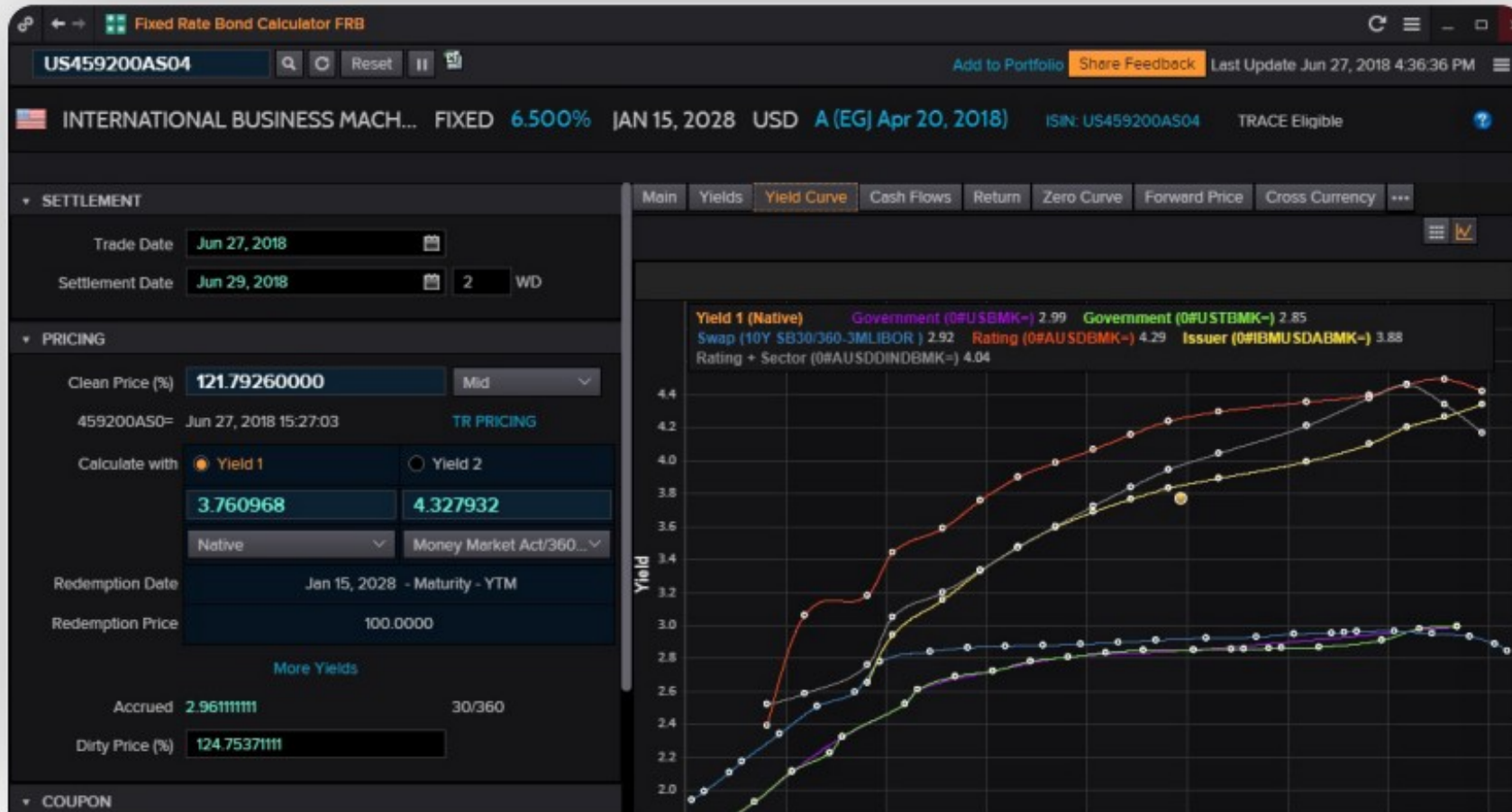
Market Movers (MM)

Analyse and monitor performance of indices broken down by industry.



Industry App

Compare how companies being monitored perform in comparison to sector metrics.



Bond Calculator (BNDC)

Perform in-depth price and yield analysis on a bond including future cash flows and sensitivity analysis.



Financial Chart (CHTF)

Advanced charting and technical analysis tools to identify market-moving trends.

Financial news

- [cnbc.com](https://www.cnbc.com)
- finance.yahoo.com
- [bloomberg.com](https://www.bloomberg.com) (limited content)
- [reuters.com](https://www.reuters.com)
- [wsj.com](https://www.wsj.com)
- [marketwatch.com](https://www.marketwatch.com)
- [tradingview.com](https://www.tradingview.com)
- [investing.com](https://www.investing.com)