



Bloomberg Orientation

AGENDA

- Introduction
- Login
- Unique keyboard navigation
- Looking up News
- Looking up Equities
- Equity Screening
- Looking up Industry-wide information
- Looking up Bonds, ETFs
- Looking up Macroeconomic data
- Looking up currencies
- Where do I get help?



INTRODUCTION TO BLOOMBERG



What is Bloomberg?

- Financial, news and economic database
- Real time information:- 15 min delay for academic subscribers.
- Scope: Global coverage

Bloomberg I.p.

Bloomberg L.P. is a financial data analytics and media company present in over 194 countries that provides financial software tools, data services and news through the Bloomberg Professional Service to financial and business companies.

Keyboard Navigation

Yellow =For different asset classes
(eg equity, fixed income, commodity, etc)

Blue: Panel to toggle between windows.

Green=Action

Red=log on/off



Login

- Click on the Bloomberg icon on the desktop
- Use the unique login ID and password for each terminal.

A screenshot of the Bloomberg login interface. At the top, there is a navigation bar with buttons: CANCEL, HELP, MENU, PG BA, PG FW, GO, TAB, CONN, and DFLT. The main area has a black background with the "Bloomberg" logo in white. Below the logo, there are input fields for "Login Name" and "Password", both with orange highlights. A "Login" button is below these fields. To the right, there is a section titled "Select Language for Analytics and Communication Functions:" with a list of languages: English (checked), Español, 한국어, 日本語, Português, 简体中文, Français, Italiano, and Русский. Below this, there is a note: "To customize your News language experience type LANG<GO> after login." At the bottom left, there are links for "Contact us" and "Create a New Login", with the latter circled in blue. At the bottom, there is a footer with technical information and a disclaimer.

Click on Create a New Login and follow the instructions. Don't forget to take your mobile phones as the Verification code is sent to your phone or mail.

When you first log in to Bloomberg, up to four Bloomberg Panels appear. The panels are independent workspaces that enable you to multi-task within the Bloomberg system.

Parts of each panel!

Toolbar
 Command Line
 Function area
 Information Panel

The screenshot shows a Bloomberg terminal window titled 'MSG 2-BLOOMBERG'. At the top is a toolbar with buttons: CANCEL, HELP, SEARC, NEWS, QUOTE, QUOTE, MSG, MENU, PRINT, PG BA, PG FW. Below the toolbar is a command line with a dropdown menu showing 'TCLD 3X E Mtge', 'MSG', and 'Related Functions Menu'. The main area displays an email message from Empirasign Quote to Chiara Guerciolini. Below the message is a table of trade history for DRSLF 2013-26A E.

Date	BWIC	of	cf	price	spread	curve	color	pxtalk
2017-09-22	170922A	1.00	1.00	100.03	449.00	DM	cover	99.85
2017-06-13	170613K	1.25	1.25	99.53	460.00	DM	cover	99.26

At the bottom of the terminal, there is an information panel showing a list of messages:

- 1016 9/26 17:19 @Empirasign Quote/ARES 2015-1A D priced to move with DRSLF 201
- 1015 9/26 17:19 @Empirasign Quote/Any Interest -- 1MM DRSLF 2013-26A E @ 99.99
- 1014 9/26 14:00 @Empirasign Alerts/Empirasign BWIC Alert: STACR 2016-DNA4 M2 ~



How to use the command line?

- It is a command and menu-based system (command line is not a search box.)
- How to use the database?
 - Start from an asset class and then go forward from there

- Type the company name and wait for the drop down
- Choose what is relevant and required from the drop down.

Functions and Securities

RUNNING FUNCTIONS

- Functions are unique Bloomberg applications that provide analysis and information on securities, sectors, regions and more.
- Two types
 - Non-security: Non-security functions provide information or analysis on an entire market sector and do not require a loaded security. WEI <GO>
 - Security: Security-specific functions analyze a loaded security.
 - TTMT IN <EQUITY> GP <GO>.

WORKING WITH SECURITIES

- Securities are financial instruments—like stocks and bonds— that you can analyze with Bloomberg functions.

Comprehensive Help (HL)

<Pg Dn> for More Results, <Menu> to Return

TATA MOTORS EARNINGS Page 1/5 Search Bloomberg: Results

1) Top Results

General

2) Companies 0

3) Functions 0

4) People 0

5) FAQs 0

6) Definitions 0

7) Reference 0

8) Excel Library 0

9) Data Fields 0

10) News

11) Intelligence 121

12) Law

Securities

13) Equities 0

14) Funds 0

15) Fixed Income 0

16) Currencies 0

17) Mtge Issuers 0

18) Muni Issuers 0

19) Commodities 0

20) Index/Stats 0

Contributors

21) Pricing 0

22) Research 0

7.40 INR

The Estimate Comparable EPS Adjusted of Tata Motors Ltd Ordinary Shares (India)

Ticker TTMT IN Equity

Surprise +36.16%

Period Fiscal Q2 2018

Announcement Date 11/09/17

Earnings History | ERN »

Earnings & Estimates | EE »

View Details | FA »

Quarter	Actual (IS900)	Estimated (BE008)
Q1 2017	~5.5	~5.5
Q2 2017	~4.5	~4.5
Q3 2017	~3.5	~3.5
Q4 2017	~10.5	~10.5
Q1 2018	~4.5	~4.5
Q2 2018	~7.5	~7.5
Q3 2018	~4.5	~4.5
Q4 2018	~10.5	~10.5

Financial Documents | DS »

Headline	Source	Ticker	Date
Tata Motors Ltd: Earnings Call 2017/11/09	Earnings C	TTMT IN Equity	11/09/17
Tata Motors Ltd: Earnings Call 2017/08/09	Earnings C	TTMT IN Equity	08/09/17
Tata Motors Ltd: Earnings Call 2017/05/23	Earnings C	TTMT IN Equity	05/23/17
Tata Motors Ltd: Earnings Call 2017/02/14	Earnings C	TTMT IN Equity	02/14/17

Selected News Articles | More »

Edel Derivative Insights AGM 09:50

Edel Morning Insight - Market closed sharply higher on Tuesday. AGM 09:53

Australia 61 3 9777 8600 Brazil 55 11 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Copyright 2017 Bloomberg Finance L.P. SN 475440 IS1 GMT+5:30 H355-2062-1 22 Nov-2017 11:38:28

- HL allows you to search by keyword across all categories of information, including securities, companies and people. HL groups results by category and relevance.
- TATA MOTORS EARNINGS Press the <SEARCH> key on the keyboard.
- HL appears with a categorized list of matches. » Select the appropriate match from the featured search results section of the screen



1: LOOKING UP NEWS

An Overview

NEWS

- NEWS ON TATA MOTORS ACQUISITIONS IN ECONOMIC TIMES

↓
TOPIC

↓
Source

- NI : Filter the required topic from various available topics**
- NH: Most upto-date news from particular sources.
- AID: automated insights on demand: This gives snapshot about the loaded security from the entire Bloomberg database.

2: LOOKING UP EQUITIES

An Overview

Looking up equities

TATA MOTORS

BIO RATAN NAVAL TATA	Tata Sons Ltd, Chairman Emeritus <i>Tata Motors European Technical</i>
BIO KARL SLYM	Tata Motors Ltd, Deceased
BIO CYRUS PALLONJI MISTRY	Tata Sons Ltd, Former Chairman <i>Tata Motors Ltd</i>
BIO CHANDRASEKARAN RAMAKRISHNAN	Cognizant India Pvt Ltd, Vice Chairman/Co-Founder <i>Tata Motors</i>
GC CD2309	Graph Curves: Tata Motors Ltd USD Sr CDS Curve
BIO TOBY ASTOR	Jaguar Land Rover Ltd <i>Tata Motors</i>

[More Functions...](#)

SECURITIES

TTMT IN Equity	Tata Motors Ltd Ordinary Shares (India)
TTM US Equity	Tata Motors Ltd (U.S. Depositary Receipt)
TTMTIN Corp	Tata Motors Ltd (Multiple Matches)
TTMT IS Equity	Tata Motors Ltd Ordinary Shares (Natl SE of India)
TTMT/A IN Equity	Tata Motors Ltd A Shares (India)

S <GO>
IN MORE

Your Account Manager is: MAULSHRI SHAH +91-22-61203675
Your Sales Representative is: NITIN PARMESHWAR +91-22-61203685

SEARCH TATA MOTORS RATING **Tata Motors Ltd Ordinary Shares (India) : Moody's/S&P/Fitch Rating** **JS**
[Inquiries](#)

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S/N 790282-0 **SID 5183633-1**

Australia 61 2 9777 8600 Brazil 55 11 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 316 2000 Copyright 2017 Bloomberg Finance L.P.
SN 790282 IST GMT+5:30 H212-4895-0 27-Oct-2017 16:27:22

- If you know the ticker for Tata Motors (e.g. TTMT)
- Type “TTMT” and then press F8 key to get EQUITY.

Security Finder: SECF <GO>

TTMT IN INR ↑ 424.25 +1.25 *Minor uptick* 424.25 / 424.25 6x53
 At 16:36 d Vol 7,511,031 0 425.40B H 430.00S L 422.55S Val 3.199B

TTMT* IN* EQUITY* 98) Export ▾ 1-22 of 360 results Security Finder

Category All Securities ▾ 🔍

Security	Description	Category	Sub-Category
1) TTMT IN Equity	Tata Motors Ltd Ordinary Shares (India)	Equities	Stocks
2) TTMT IS Equity	Tata Motors Ltd Ordinary Shares (Natl SE of In...	Equities	Stocks
3) TTMT/A IN Equity	Tata Motors Ltd A Shares (India)	Equities	Stocks
4) TTMT/A IS Equity	Tata Motors Ltd A Shares (Natl SE of India)	Equities	Stocks
5) TTMT=A IS Equity	Tata Motors Ltd Future (Natl Stock Exchange o...	Equities	Equity Futures
6) TTMT=1 IS Equity	Tata Motors Ltd 1st Generic Future (Natl Stock...	Equities	Equity Futures
7) TTMT IB Equity	Tata Motors Ltd Ordinary Shares (BSE India)	Equities	Stocks
8) TTMT=X7 IS Equity	Tata Motors Ltd Nov 2017 Future (Natl Stock E...	Equities	Equity Futures
9) TTMT/A IB Equity	Tata Motors Ltd A Shares (BSE India)	Equities	Stocks
10) TTMT=J7 IS Equity	Tata Motors Ltd Apr 2017 Future (Natl Stock Ex...	Equities	Equity Futures
11) TTMT/=X7 IS Equity	Tata Motors Ltd Nov 2017 Future (Natl Stock E...	Equities	Equity Futures
12) TTMT US Equity	Physicians Healthcare Management Group Inc ...	Equities	Stocks
13) TTMT/=A IS Equity	Tata Motors Ltd Future (Natl Stock Exchange o...	Equities	Equity Futures
14) TTMT/=1 IS Equity	Tata Motors Ltd 1st Generic Future (Natl Stock...	Equities	Equity Futures
15) TTMT=SP 12 IS Equity	Tata Motors Ltd Nov 2017 Future Spread (Natl ...	Equities	Equity Futures

- Allows you to filter and search for all securities available on Bloomberg.
- Need to type in the orange box to search
- Sort the column by clicking on the header.
- Once a security is loaded, you can then run single-security functions like DES and RV.

TTMT IN Equity Menu screen

- | | |
|--|-------------------------------------|
| 1) Company Overview > | 17) Charting & Reporting > |
| 2) DES Security Description | 18) GP Line Chart |
| 3) CF Company Filings | 19) GF Graph Fundamentals |
| 4) CN Company News | |
| | 20) Security Surveillance > |
| 5) Company Analysis > | 21) EVT Company Events |
| 6) FA Financial Analysis | 22) BQ Bloomberg Quote |
| 7) OWN Ownership Summary | |
| 8) CRPR Credit Rating Profile | 23) Trade Analytics > |
| | 24) IOIA IOI & Advert Overview |
| 9) Research & Estimates > | 25) MDM Market Depth Monitor |
| 10) EE Earnings & Estimates | 26) VWAP Price and Volume Dashboard |
| 11) BRC Research | 27) RANK Broker Rankings |
| 12) BIP BI Primary Industry | 28) TP Trading Performance |
| 13) GNR Legal, Regulation & Govt Anal... | |
| | 29) Derivatives > |
| 14) Comparative Analytics > | 30) OMON Option Monitor |
| 15) RV Relative Valuation | |
| 16) EQRV Equity Relative Valuation | |

Accessing Menus
There are three ways to access menus (Menu Button, Menu Key and Yellow Key).

Example: To browse the Equities menu, press <EQUITY> <GO>.

Example: To access the menu of functions that can be used to analyze TTMT US, enter TTMT IN <EQUITY> <GO>.

Equity overview: DES <GO>

TTMT IN INR ↑ 424.25 +1.25 424.25 / 424.25 6x53
 At 16:36 d Vol 7,511,031 0 425.40 B H 430.00 S L 422.55 S Val 3.199B

TTMT IN Equity 98 Report Page 1/5 Security Description: Equity

1) Profile 2) Issue Info 3) Ratios 4) Revenue & EPS 5) Industry Info

TATA MOTORS LTD FIGI:BBG000D0Z6J2
 Classification: Automobiles

6) BI Research Primer | BICO »
 Tata Motors Limited manufactures cars and commercial automotive vehicles in India. The Company designs, manufactures and sells heavy commercial, medium commercial and small commercial vehicles including trucks, tankers, vans, buses, ambulances and minibuses. Tata also manufactures small cars and sports utility vehicles. ... More

8) Price Chart | GP »


9) Estimates | EE »
 Date (E) 02/14/18
 P/E C 19.34
 Est P/E 03/18 14.81
 T12M EPS (INR) 21.94
 Est EPS 28.64
 Est PEG 0.30

13) Corporate Info
 14) www.tatamotors.com
 Mumbai, India
 Empls 79,558 (03/31/17)

15) Management | MGMT »
 16) Guenter Butschek
 CEO/Managing Director
 17) P B Balaji
 Chief Financial Officer
 18) Satish B Borwankar
 COO/Wholtime Director

12M Tot Ret -7.16%
 Beta vs SENSEX 1.57

21) Depository Receipts
 Active Receipts 8

17) Dividend | DVD »
 Ind Gross Yield N.A.
 Cash 07/18/17

Round Lot 1
 Multi-shares (EV) Y

Px/Chg 1D (INR) 424.25/+3%
 52 Wk H (01/27/17) 553
 52 Wk L (08/11/17) 357.95
 YTD Change/% -47.75/-10.12%
 Mkt Cap (INR) 1,348.6B
 Shrs Out/Float 2,887.3M/1,647.6M
 No short interest information available from exchange.

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 SN 475440 IST GMT+5:30 H818-5088-1 21-Nov-2017 23:56:35

DES provides consolidated financial information about a specific corporate or government security, including issuance and redemption, identification numbers and ratings.

Use DES to review, in one place, all the descriptive information you need to evaluate, buy, sell and trade a bond. To simplify analysis, all the tools in DES remain the same regardless of the type of bond.

Financial analysis: FA <GO>

TTMT IN INR ↑ 424.25 +1.25 *Minor* 424.25 / 424.25 6 x 53
 At 16:36 d Vol 7,511,031 0 425.40 B H 430.00 S L 422.55 S Val 3.199B

TTMT IN Equity 96) Actions 97) Output 98) Settings **Financial Analysis**

ADJ Tata Motors Ltd Acct Consolidated Periodicity Annuals Currency INR

1) Key Stats 2) I/S 3) B/S 4) C/F 5) Ratios 6) Segments 7) Addl 8) ESG 9) Custom

11) Adj Highlights	12) GAAP Highlights	13) Earnings	14) Enterprise Value	15) Multiples	16) Per Share	17) Stock Value						
In Millions of INR	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Current/LTM	FY 2018 Est	FY 2019 Est
12 Months Ending	03/31/2009	03/31/2010	03/31/2011	03/31/2012	03/31/2013	03/31/2014	03/31/2015	03/31/2016	03/31/2017	09/30/2017	03/31/2018	03/31/2019
Market Capitalization	92,675.7	412,929.9	792,220.4	873,518.7	858,619.7	1,283,126.8	1,770,917.8	1,313,117.5	1,582,296.4	1,348,625.3		
- Cash & Equivalents	42,018.6	98,174.3	121,555.8	240,356.7	273,532.1	390,316.2	462,120.0	491,626.2	508,806.7	401,823.9		
+ Preferred & Other	4,030.3	2,135.1	2,466.0	3,071.3	3,704.8	4,206.5	4,333.4	4,328.4	4,531.7	5,696.2		
+ Total Debt	392,134.0	422,926.5	381,995.8	512,277.0	581,088.4	658,043.2	776,871.4	694,171.8	786,261.0	764,268.0		
Enterprise Value	446,821.4	739,817.2	1,055,126.4	1,148,510.3	1,169,880.8	1,555,060.3	2,090,002.6	1,519,991.5	1,864,282.4	1,716,765.6		
Revenue, Adj	699,003.9	904,567.9	1,199,525.8	1,627,934.4	1,848,478.8	2,279,459.0	2,585,425.0	2,673,200.8	2,639,994.6	2,727,217.0	2,942,247.0	3,380,653.7
Growth % YoY	103.9	29.4	32.6	35.7	13.5	23.3	13.4	3.4	-1.2	-1.9	11.4	14.9
Gross Profit, Adj											996,656.7	1,171,903.6
Margin %											33.9	34.7
EBITDA, Adj	23,582.0	65,002.4	155,124.6	201,149.7	225,181.2	308,303.6	382,744.6	371,519.8	344,314.4	298,655.3	349,510.0	460,110.3
Margin %	3.4	7.2	12.9	12.4	12.2	13.5	14.8	13.9	13.0	11.0	11.9	13.6
Net Income, Adj	-30,603.9	15,483.7	92,968.9	136,747.8	99,222.4	141,369.1	146,291.6	107,498.1	79,842.2	73,347.3	94,078.7	154,448.5
Margin %	-4.4	1.7	7.8	8.4	5.4	6.2	5.7	4.0	3.0	2.7	3.2	4.6
EPS, Adj	-13.75	5.24	28.57	40.69	30.49	43.50	44.49	31.79	23.49	21.55	28.64	45.90
Growth % YoY			445.2	42.4	-25.1	42.7	2.3	-28.6	-26.1	-31.2	21.9	60.2
Cash from Operations	-12,933.4	64,203.6	91,825.4	155,482.1	183,045.9	306,738.7	300,020.0	329,725.3	261,207.9			
Capital Expenditures	-99,707.8	-84,754.3	-81,239.8	-138,755.5	-188,625.7	-269,751.3	-319,621.7	-161,359.3	-160,717.8		-330,436.0	-344,580.3
Free Cash Flow	-112,641.2	-20,550.7	10,585.6	16,726.6	-5,579.8	36,987.4	-19,601.7	168,366.0	100,490.1		-15,901.5	52,918.6

Zoom 65%

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Copyright 2017 Bloomberg Finance LP
 SN 475440 IST GMT+5:30 H818-5088-1 21-Nov-2017 23:58:54

Use FA (Financial Analysis) to display financial history for a specific company or equity index, identify trends and to gain data transparency so you can analyze the value of a potential investment, partnership or acquisition target

Price graph (chart): GP <GO>



- Graph and tables including open, high, low, closing price, and volume
- We can compare graphs of two companies and indices also.

Historical price table: HP <GO>

TTMT IN INR ↓ 430.60 +6.35 B430.60 /430.90B 1219 x 3000
 At 11:55 d Vol 5,077,871 0 424.40B H 432.35S L 424.40B Val 2.175B

TTMT IN Equity 90 Export to Excel 97 Settings Page 1/9 Historical Price Table

Tata Motors Ltd High 21.9400 on 03/31/17
 Range 11/22/2016 - 11/22/2017 Period Daily Low 21.9400 on 03/31/17
 Market EPS T12M Volume Currency INR Average 21.9400 8,049,701
 View Price Table Net Chg .0000 0.00%

Date	EPS T12M	Volume	Date	EPS T12M	Volume	Date	EPS T12M	Volume
Fr 11/24/17			Fr 11/10/17		24,949,536	Fr 10/27/17		7,886,759
Th 11/23/17			Th 11/09/17		43,729,626	Th 10/26/17		6,455,875
We 11/22/17		5,060,991	We 11/08/17		11,983,953	We 10/25/17		5,932,052
Tu 11/21/17		7,511,031	Tu 11/07/17		13,959,243	Tu 10/24/17		4,991,321
Mo 11/20/17		4,401,813	Mo 11/06/17		20,579,284	Mo 10/23/17		4,292,638
Su 11/19/17			Su 11/05/17			Su 10/22/17		
Sa 11/18/17			Sa 11/04/17			Sa 10/21/17		
Fr 11/17/17		6,690,257	Fr 11/03/17		8,741,416	Fr 10/20/17		
Th 11/16/17		6,742,045	Th 11/02/17		8,655,859	Th 10/19/17		1,456,796
We 11/15/17		10,600,233	We 11/01/17		7,729,862	We 10/18/17		5,837,042
Tu 11/14/17		9,504,339	Tu 10/31/17		6,752,755	Tu 10/17/17		5,427,189
Mo 11/13/17		10,581,856	Mo 10/30/17		8,118,977	Mo 10/16/17		9,002,615
Su 11/12/17			Su 10/29/17			Su 10/15/17		
Sa 11/11/17			Sa 10/28/17			Sa 10/14/17		

Australia 61 2 9777 8600 Brazil 55 11 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Copyright 2017 Bloomberg Finance L.P.
 SN 475440 IST GMT+5:30 H835-2082-2 22-Nov-2017 12:10:11

HP is one of three historical price tables that allow you to display a security's price, yield, and/or volume plus the close, open, high, and low prices. You can also select the time period range and period frequency.

Analyst recommendations

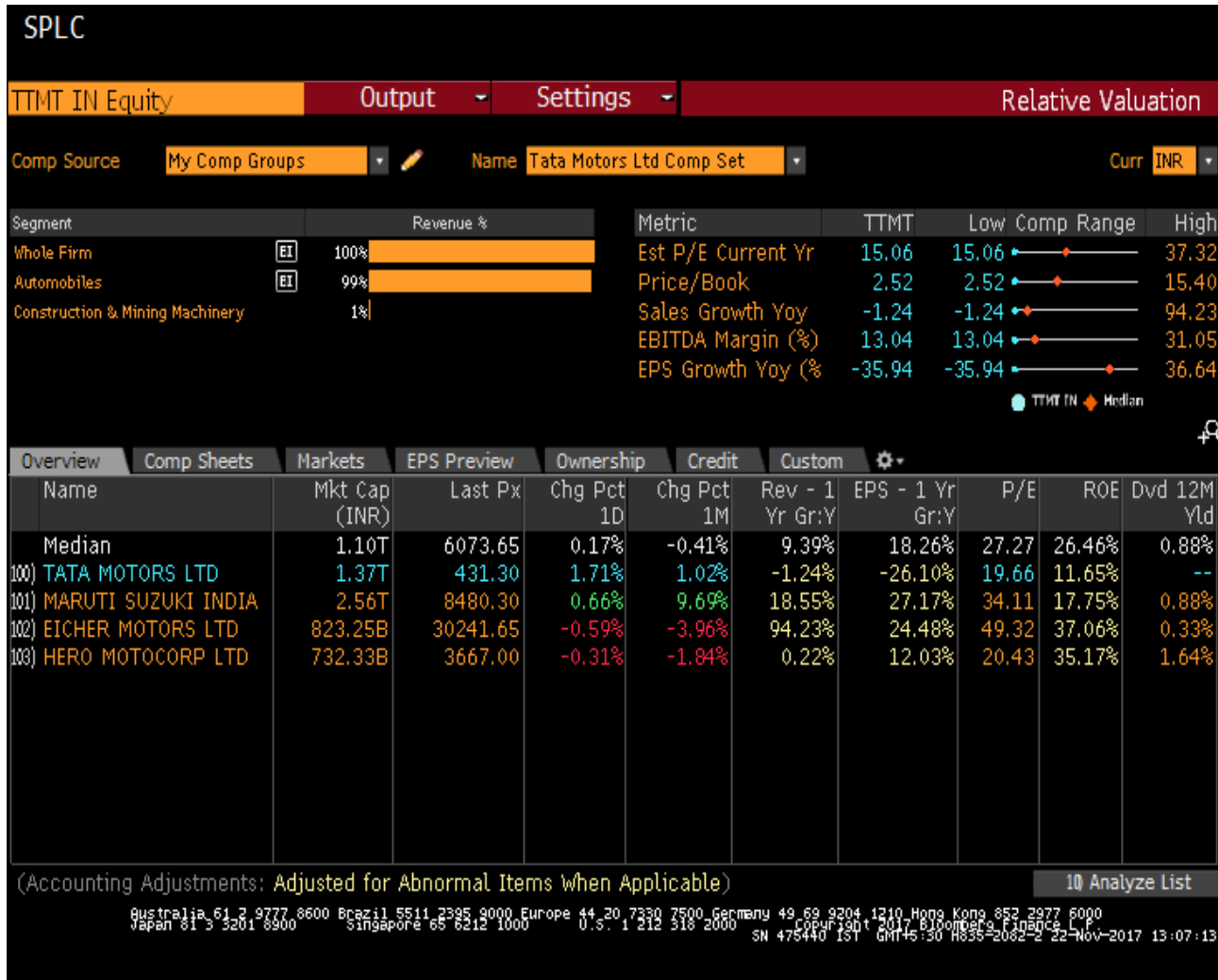
Analyst recommendations: ANR<GO>

- ANR provide transparency into analyst recommendations for a selected equity, so you can determine the latest analyst sentiment, as well as monitor changes in opinion and analyze the quality of analyst predictions.
- analyst recommendations, price targets, price target time periods, and total return rankings, as well as consensus rating for the equity. The consensus rating is based on broker recommendations compiled by researchers around the world.
- The screen is divided into 4 areas
 - Control Area
 - Consensus Rating
 - Recommendation Charts
 - Recommendations Table

Broker/analyst reports: BRC<GO>

- RES/BRC is your gateway to research from over 1,500 providers, including brokers, independent providers, market research firms, industry associations, and other premium content.
- The Research Portal screen is divided into a control area and a research grid.

EQRV: Relative valuation



- Use RV (Relative Value) to perform a customized peer group analysis using a proprietary industry classification system that places companies in multiple industries by revenue.
- Relative value analysis can be applied to companies (stocks), mutual funds or municipal bond issuers.

SPLC

- Supply chain conditions provide crucial insights into a company's future; offers a unique look at supply chain fundamentals—mapping business relationships across suppliers, customers and competitors for more than 35,000 companies globally.

3: EQUITY SCREENING

An Overview

Equity screening: EQS <GO>

1 <GO> for Results, 89 <GO> to see last unsaved screen

97) Formula 98) Actions - 99) Backtest Equity Screening

As Of 11/22/2017

My Recent Screens

- bse and nse
- ta and rev
- All Saved Screens

Popular Screens

- Global Infrastructure
- High CDS Spreads
- Insider Buyers
- Quality Screen
- SZSE SEHK Northbound
- Value Screen
- More Screens

Screening Criteria

- 31) Exchanges
- 32) Sectors
- 33) Country of Domicile
- 34) Indices
- 35) Portfolios/Monitors
- 45) More Categories

Add Criteria

3 Fields

Selected Screening Criteria	Matches
Security Universe	926677
51) Trading Status: Active	262266
52) Security Attributes: Show Primary Security of company only	70003
53) Add screening criteria	

See Results | WATC »

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000

Copyright 2017 Bloomberg Finance L.P. SN 475440 IST GMT+6:30 H835=2082-3 22-Nov-2017 13:26:12

- Add screening criteria (e.g. exchanges)
- Criteria may include universe categories, such as countries, exchanges, indices, security types, security attributes, security lists, as well as data categories, such as fundamentals, estimates, financial and price ratios, and technical fields.
- Use “Fields” button to search for screening criteria
- Click on “Results” button
- Results list
- Analyse



4: LOOKING UP INDUSTRY-WISE INFORMATION

An Overview

FIND INDUSTRY INFORMATION: BI<GO>

The screenshot shows the Bloomberg Intelligence (BI) interface. At the top, there are navigation tabs for '91) Actions', '92) Community', '93) Settings', and 'Bloomberg Intelligence'. Below this is a search bar with the text '<Search BI>' and examples like 'Automobiles, China, Reit'. The main content area is divided into two sections: 'Featured Research | More »' and 'Most Recent | More »'. The 'Featured Research' section lists articles such as 'Best of Bloomberg Intelligence Morning Note', 'Deutsche-Commerzbank Tie-Up Talk', and 'VW Transform 2025+ Targets'. The 'Most Recent' section lists articles like 'Exchanges May See MiFID II Opportunities and Tussle With Brexit', 'BI Best Europe: Wednesday Morning Research Recap', and 'Passenger Traffic to Pick Up at Airports of Thailand: FY Preview'. On the left side, there is a sidebar with navigation options for 'Sectors' (Communications, Consumer Discretionary, Consumer Staples, Energy, Financials, Health Care, Industrials, Materials, Technology, Utilities) and 'Topics' (Credit, Government, Litigation, ESG, Economics, Strategy/Index/ETF, Special Reports). At the bottom, there is a footer with contact information for various regions and the date '22-Nov-2017 13:31:24'.

- Go to Bloomberg Intelligence
- Enter BI<GO>
- Select industry and drill down to dashboard
- More than 100 analysts highlight themes, performance drivers and metrics for each industry, giving you insight and perspective for your investment decisions.

5: LOOKING UP BONDS

An Overview

Bonds screening: SRCH <GO>

- Go to “Example Searches” tab for pre-made screens
- Load Search to view results

Bonds can be screened based on various criteria such as amount outstanding, maturity date, issue date, rating etc.

YAS

POWFIN 8 ½ 11/28/17		↑ 100.035	+ .001	100.016 / 100.053	6.479 / 3.376
		At 2:30		-- x --	Source BVAL
POWFIN 8 ½ 11/28/17 Corp		Settings		Yield and Spread Analysis	
100.016/100.053		2.452/-9.993		BVAL @ 02:30	95 Buy 96 Sell
1) Yield & Spread		2) Graphs		3) Pricing	
4) Description		5) Custom			
POWFIN 8 ½ 11/28/17 (INE134E08GP1)			Risk		
Spread	-1614.84 bp	vs 1y IGB 5.69 09/25/18	Workout	OAS	
Price	100.053	↔ 99.62 04:59:45	M.Dur	Dur	
Yield	-9.992700	Wst 6.155657 Conv	Risk	0.003	
Wkout	11/28/2017 @ 100.00	Duration 6 6	Convexity	0.000	
Settle	11/27/17	11/27/17	DV 01 on 1MM	0.30 0.31	
Spreads			Invoice		
Yield Calculations			Face 1,000 M		
11) G-Sprd	-1610.4	Street Convention -9.992700	Principal 1,000,530.00		
12) I-Sprd	-1600.6	Equiv 2 /Yr -10.255646	Accrued (364 Days) 84,767.12		
Basis	N.A.	Mmkt (Act/ 365) -9.992655	Total (INR) 1,085,297.12		
14) Z-Sprd	-1570.0	True Yield -9.992700			
15) ASW	-1803.0	Day Count Yield -9.992700			
16) OAS	-1609.1	Current Yield 8.495			
TED	N.A.				
After Tax (Inc 20.000 % CG 10.000 %)		-9.931700			

- Price a fixed-income security using spreads to a benchmark issue/benchmark curve,
- calculate risk/hedge ratios/cost of carry, display market data, pricing information, interpolated spreads to benchmark curves,
- descriptive/ fundamental/rating data and relative value analysis.



COMB

RILIN 8.4 08/03/18 Data Unavailable See ALLQ <GO> for Sources

RILIN 8.4 08/03/18 Actions Settings Comparable Analysis: Bonds

95 Buy 96 Sell

<Add Security> Edit Filters Comp Bonds Issuer Bonds

Spread Analysis Bond Data

Edit Columns Calc Mode

Comparable Bonds View

Security

Avg of Comparables		
12) RILIN 8.4 08/18	✓	i
13) TATSON 9.77 01/18	✓	i
14) TATSON 7 ³ / ₄ 01/18	✓	i
15) TATAGP 10 ¹ / ₂ 03/18	✓	i
16) TATSON 8.85 05/18	✓	i
17) AMPLIN 10.58 10/18	✓	i
18) TATSON 9.76 12/18	✓	i
19) TATSON 9.78 01/19	✓	i
20) TATSON 7.8 01/19	✓	i
21) TATSON 9.9 03/19	✓	i
22) JKLCIN 11 ¹ / ₄ 04/19	✓	i
23) EDSLIN 13 ¹ / ₂ 05/19	✓	i

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000

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SN 475440 IST GMT+5:30 R257-264-2 24 Nov-2017 10:38:50

- COMB allows you to compare the relative value of a customizable list of corporate bonds or syndicated loans.
- You can use filters to find bonds/loans that share similar characteristics or import a list of bonds/loans that you have previously created and saved

Term structure, Yield curve

- Eg: RILIN <CORP>
- GC gives the yield curve.
- IYC<GO> International Yield Curves, graphs the term structure of interest rates around the world. Compare government yield curves and see where you can achieve the highest yield.

5: LOOKING UP MACROECONOMIC DATA

An Overview

Inflation Index in India, IIP, GDP

- **ECO <GO>** Use ECO (Economic Release Calendars) to display, customize and manage multiple economic calendars. Economic calendars can be managed by region, country and event type, and can display current, historical and upcoming economic event details.
 - Click on **Change Date** (Data back to 1996)
- **ESNP <GO>** Use to display the economic statistics of a specific country.
 - Choose country (example: United States)
 - Choose **Unemployment Rate**
- **ECST <GO>** Use to display current and historical economic statistics
 - Choose country (example: United States)
 - Then choose **CPI**
- **IMF <GO>** Up to 50 Years of monthly financial and economic data on over 200 countries

CURRENCIES

Currencies

- FXIP <GO>: Forex information portal
- Eg: USDINR Currency gives the MENU
- GP<GO> shows how the rupee has been doing against USD
- FXFC<GO> Forex forecasts.

CREATING PORTFOLIOS

Creating portfolios

PRTU<GO>

- Create -> Give it a name
- You can change the date and see how it performs.
- Analyze the basket of securities, YTD, Characteristics such as P/E, P/B, D/E and dividends.
- You can also see how it performs when compared to a benchmark index.
- Generate a report-> chart or pdf
- Efficient frontier is not directly seen here, however we can get the statistical summary such as Beta, Risk, Sharpe ration, Jensen measure, Treynor measure etc.

OTHER COMMANDS

OTHER USEFUL COMMANDS

- Commodity Price Forecast: CPFC <GO>
- Economic Forecast: ECFC <GO>
- Other commands to note • Bloomberg Resource Centre Cheatsheets with commonly used commands: BPS <GO>
- Other commands to note • Cheatsheets in PDF format, can be downloaded
- Other commands to note • To register for Bloomberg seminars, use BU <GO> for Bloomberg University
- Other commands to note • Bloomberg Market Concepts BMC <GO> • 8-hour course with 4 modules
- **NLRT** Set up Bloomberg Message (MSG) news alerts

Thank you