

AWS India Release - December 2019

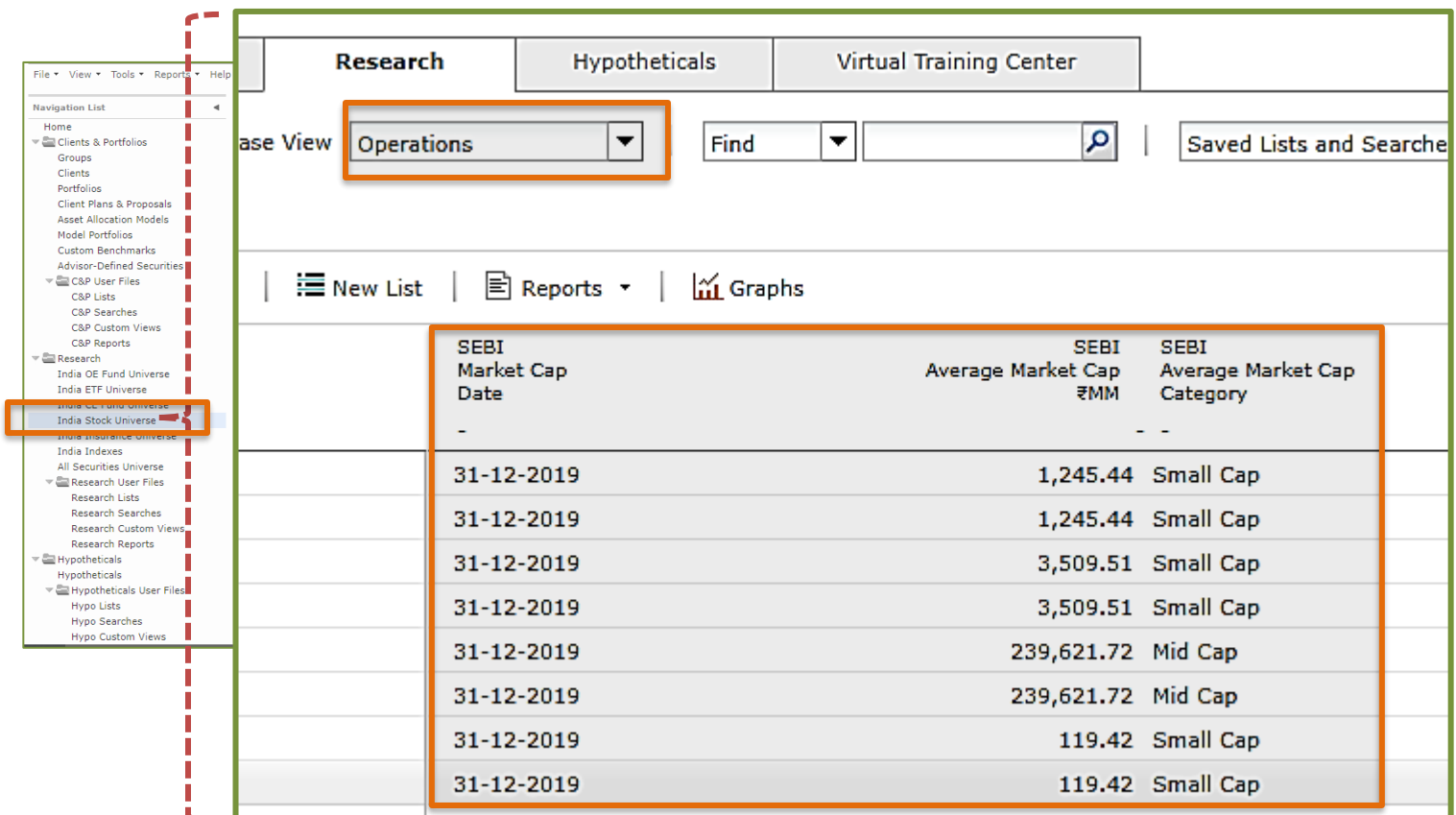
Greetings from Morningstar India!!

In our ongoing attempt to make AWS that much more relevant to the Indian advisory community, we have made numerous features available. We have listed them below:

AWS Core Portal

1. SEBI Category with regards to the stock universe

- a. What has been modified:
 - i. Added SEBI Data points for
 1. SEBI Market Cap Date
 2. Average Market SEBI Market Cap
 3. SEBI Average Market Cap Category
- b. Where it can be viewed:
 - i. Go to Research → India Stock Universe
 - ii. In the header above the Grid select 'Operations' in 'Database view' drop down



The screenshot displays the Morningstar AWS Core Portal interface. On the left is a navigation list with categories like Home, Clients & Portfolios, Research, and Hypotheticals. The 'Research' category is expanded, and 'India Stock Universe' is highlighted. The main content area shows the 'Research' tab selected, with a 'Database View' dropdown menu set to 'Operations'. Below this is a table titled 'India Stock Universe' with columns for 'SEBI Market Cap Date', 'Average Market SEBI Market Cap', and 'SEBI Average Market Cap Category'. The table contains 10 rows of data, with the first row showing a date of '31-12-2019' and a market cap of '1,245.44' for 'Small Cap'.

SEBI Market Cap Date	Average Market SEBI Market Cap	SEBI Average Market Cap Category
31-12-2019	1,245.44	Small Cap
31-12-2019	1,245.44	Small Cap
31-12-2019	3,509.51	Small Cap
31-12-2019	3,509.51	Small Cap
31-12-2019	239,621.72	Mid Cap
31-12-2019	239,621.72	Mid Cap
31-12-2019	119.42	Small Cap
31-12-2019	119.42	Small Cap

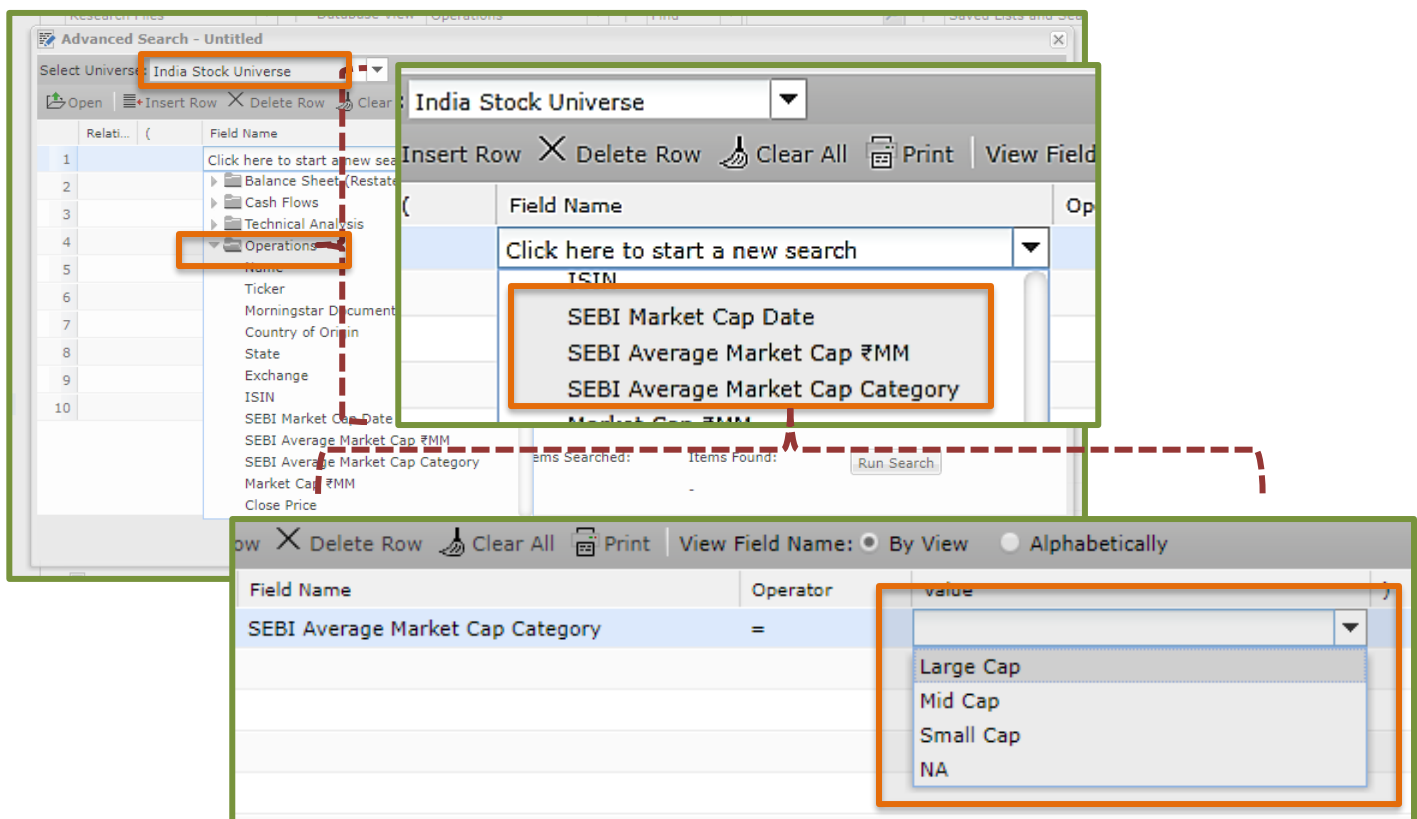
2. Advanced Search

a. What has been modified:

- i. Added below options for Advanced Search
 1. SEBI Market Cap Date
 2. SEBI Average Market Cap
 3. SEBI Average Market Cap Category

b. Where it can be found:

- i. Click On 'Advanced Search' in the top menu from any section in the tool
- ii. In 'Select Universe' choose 'India Stock Universe'
- iii. In the grid below under 'Operations folder' all the 3 options of SEBI newly added to Operations view will be visible
- iv. Search can be run on them for valid selections



3. Added 'SEBI Market Cap Breakdown' view

a. What has been modified:

- Added 'SEBI Market Cap Breakdown' option for in Database view
- Resultant grid with SEBI's Market cap breakdown has been implemented

b. Where it can be found:

- Go to Research → India OE Fund Universe
- In the header above the Grid select 'SEBI Market Cap Breakdown' in 'Database view' drop down

The screenshot displays the Morningstar India OE Fund Universe view. The 'Database View' dropdown menu is open, showing the 'SEBI Market Cap Breakdown' option. The grid below shows the market cap breakdown for the India OE Fund Universe.

	Large Cap % (Net)	Mid Cap % (Net)	Small Cap % (Net)	Large Cap % (Long)	Mid Cap % (Long)	Small Cap % (Long)	Large Cap % (Short)
Fund Growth	-	-	-	-	-	-	-
Locator Multi Mana...	64.03	18.60	17.37	64.03	18.60	17.37	0.00
Locator Multi Mana...	64.03	18.60	17.37	64.03	18.60	17.37	0.00
Locator Multi Mana...	64.03	18.60	17.37	64.03	18.60	17.37	0.00
Locator Multi Mana...	64.03	18.60	17.37	64.03	18.60	17.37	0.00
Locator Multi Mana...	64.03	18.60	17.37	64.03	18.60	17.37	0.00

AWS Other Tools

4. WIWO Report

- a. What has been modified:
 - i. Columns made sortable
 - ii. Shifter Search option from Right to left
 - iii. SEBI Category added in Grid
 - iv. Search option: text search for the grid below
 - v. 'Export to CSV' option added
 - vi. Removed Arbitrage funds (Historical Data also recalculated till Jan 2019)
 - vii. Latest months portfolio updation status added in Note at the bottom
- b. Where it can be found:
 - i. 'Tools' → 'Other Tools' → 'WIWO'

The screenshot displays the 'Whats In Whats Out - Stock' report in the Morningstar AWS interface. The top navigation bar includes links for SIP Calculator, Daily Performance Report, Average AUM, Bond Analysis, Returns Calculator, Rolling Report, Common Holdings, and the active 'Whats In Whats Out' tab. The report is titled 'Whats In Whats Out - Stock' and shows the current date as 12/31/2019 and the previous date as 11/30/2019. It includes filters for 'By Market Value' and 'By No. of Shares', and a 'Movement Type' dropdown. A search bar is present with the text 'Search Security/Fund/AMC Name' and a 'CSV' export button. The table lists securities with their names, SEBI categories, and current market values. A note at the bottom states: '* Please note that for Dec 19, 8.22 % of portfolios are updated and in report we are showing latest available values.'

Security Name	SEBI Category	Current MarketValue
ICICI Bank Ltd	Large Cap	56649450343
HDFC Bank Ltd	Large Cap	53985490086
Reliance Industries Ltd	Large Cap	41533586525
Housing Development Finance Corp Ltd	Large Cap	28678509146
Larsen & Toubro Ltd	Large Cap	23728003439
Infosys Ltd	Large Cap	20973026137
Axis Bank Ltd	Large Cap	20135760681
Kotak Mahindra Bank Ltd	Large Cap	19999500714
State Bank of India	Large Cap	17108340586
ITC Ltd	Large Cap	15629955294

* Please note that for Dec 19, 8.22 % of portfolios are updated and in report we are showing latest available values.

5. Rolling Returns

- a. What has been modified:
 - i. Added option to generate rolling return 'Daily'
 - ii. Common period logic changed: If one of the selected funds does not have data for the selected period then previously data for all other funds as well were displayed from the period for which this fund had data starting from. Now, the report shows data available for funds over the complete selected period and if any Fund does not have data for a part of the period '-' will be displayed.
 - iii. Pagination added
- b. Where it can be found:
 - i. 'Tools' → 'Other Tools' → 'Rolling Returns'

The screenshot shows the 'Rolling Returns' tool interface on the Morningstar website. The 'Select Rolling Period' dropdown is set to '1 Day'. A modal window titled 'Select Rolling Period' is open, showing the same dropdown. Below the modal, a table displays rolling returns for various dates from 30/11/2018 to 13/12/2018. A pagination bar is visible at the bottom of the table, showing 'Previous', '1', '2', '3', '4', '5', '...', '25', 'Next'.

Date	HDFC Top 100 Gr
30/11/2018	-0.3732
03/12/2018	0.5023
04/12/2018	0.1321
05/12/2018	-1.1996
06/12/2018	-1.4458
07/12/2018	0.3343
10/12/2018	-1.8449
11/12/2018	0.8567
12/12/2018	1.6442
13/12/2018	0.5355