



# FLOW BREAKDOWN

DATAWISE Dashboard

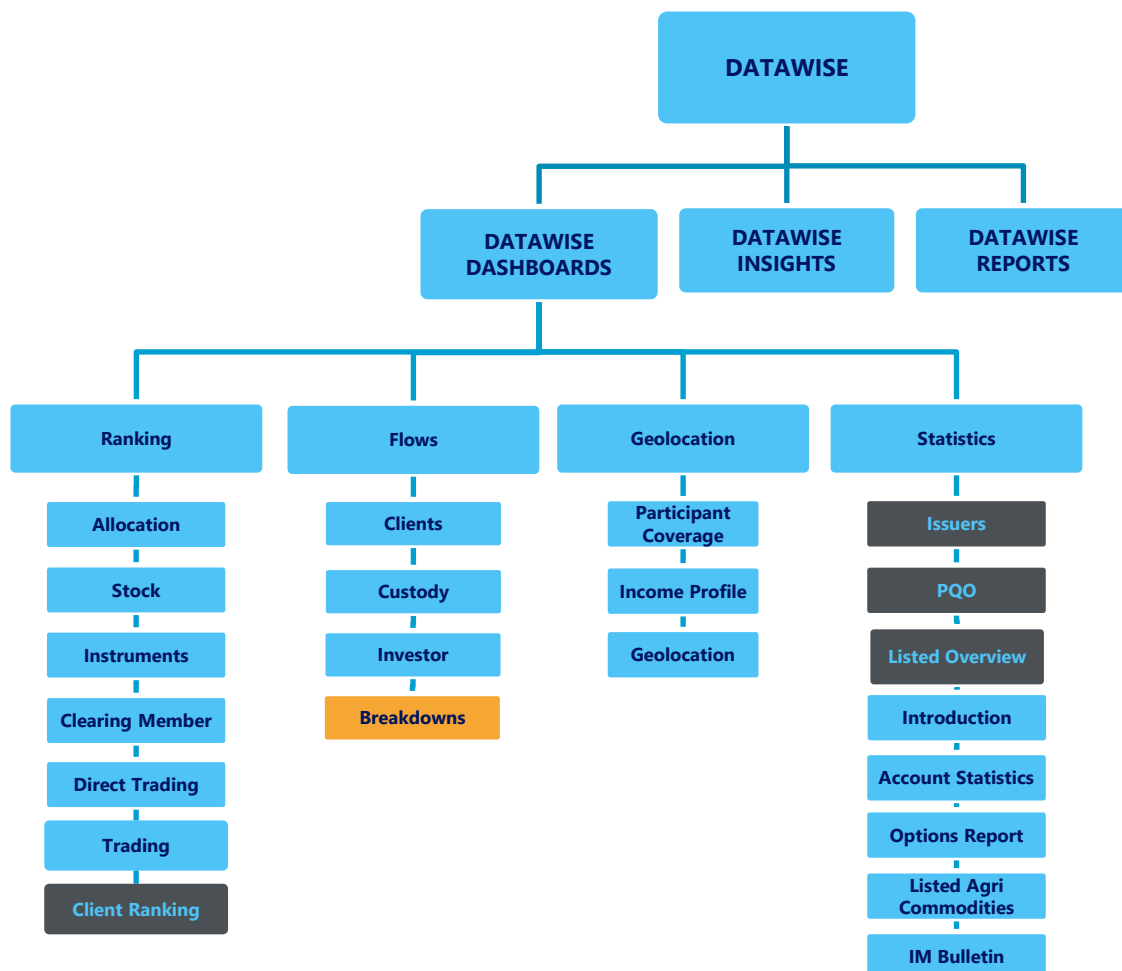
**TABLE OF CONTENTS**

<b>1</b>	<b>PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE.....</b>	<b>4</b>
<b>2</b>	<b>DESCRIPTION OF FLOW BREAKDOWN DASHBOARD .....</b>	<b>5</b>
<b>3</b>	<b>BUY AND SELL BREAKDOWN DASHBOARD – MONTHLY SELECTION .....</b>	<b>5</b>
<b>4</b>	<b>BUY AND SELL BREAKDOWN DASHBOARD – FREE SELECTION.....</b>	<b>7</b>
<b>5</b>	<b>BUY AND SELL BREAKDOWN DASHBOARD – ANNUAL SELECTION .....</b>	<b>8</b>
<b>6</b>	<b>GENERAL FLOW BREAKDOWN .....</b>	<b>9</b>
<b>7</b>	<b>FILTERS .....</b>	<b>10</b>
<b>7.1</b>	<b>Year .....</b>	<b>10</b>
<b>7.2</b>	<b>Month.....</b>	<b>10</b>
<b>7.3</b>	<b>Period .....</b>	<b>11</b>
<b>7.4</b>	<b>Top Level.....</b>	<b>11</b>
<b>7.5</b>	<b>Macro Product (Only for Futures and Derivatives).....</b>	<b>11</b>
<b>7.6</b>	<b>Commodity .....</b>	<b>11</b>
<b>7.7</b>	<b>Instrument .....</b>	<b>11</b>
<b>7.8</b>	<b>Ticker .....</b>	<b>12</b>
<b>8</b>	<b>METRICS .....</b>	<b>12</b>
<b>8.1</b>	<b>B3 Buy and Sell Trades .....</b>	<b>12</b>
<b>8.2</b>	<b>Top 5 Buy and Sell Trades.....</b>	<b>12</b>

**8.3 Periods.....13**

**9 SERVICE TEAMS .....13**

## 1 PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE



The DATAWISE product was created by B3 with the aim of helping its clients in strategic decisions consolidating various reliable and/or sensitive data in the form of interactive dashboards (DATAWISE Dashboard and DATAWISE Insights) and reports (DATAWISE Reports). It should be noted that as stated in the Commercial Policy, the DATAWISE service does not allow the distribution or redistribution of data.

Each of these modules can be contracted separately as well as their products (individual dashboards and reports), according to the client's intention. Through the interactive panels it's possible analyze the behavior of stocks

(BOVESPA), derivatives and stock futures (BMF) and rental of stocks (BTB) with DATAWISE Dashboards or analyze individual investors' behavior with DATAWISE Insights. Already in DATAWISE Reports you can analyze trading and post-trade asset data, mainly from the OTC market through reports with raw data (Data Report) or worked reports (Market Report).

In this manual we will show the Flow Breakdown dashboard layout, data and filters contained in the DATAWISE Dashboard module.

## **2 DESCRIPTION OF FLOW BREAKDOWN DASHBOARD**

The Flow Breakdown dashboard, which is available in the Bovespa, BM&F and BTB view, allows users to assess the breakdown between buy and sell trades for different period intervals. The available selection brings the assessment divided into Monthly, Annual and Free.

Furthermore, there is an overview showing the accumulated traded volume over time, considering the differences between buy and sell trades (balance) and the total volume.

In these views users will have a chart with some additional data. In the breakdown, they will be able to follow up on the largest trades divided by Brazilian and non-resident investors. In the overview, there will be a chart with the total volume of buy and sell trades and their balance.

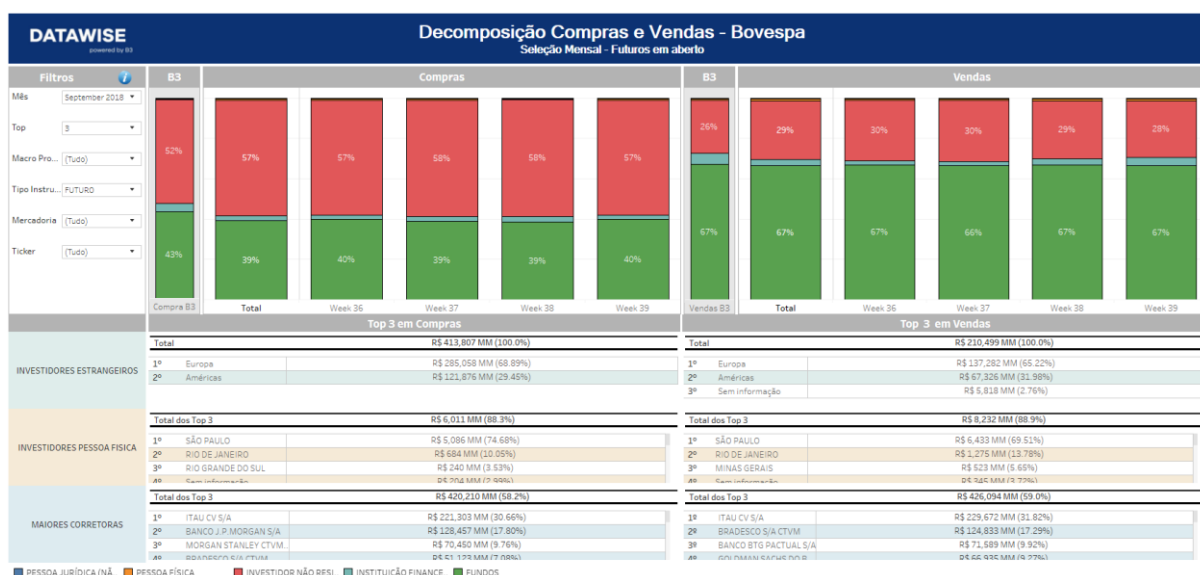
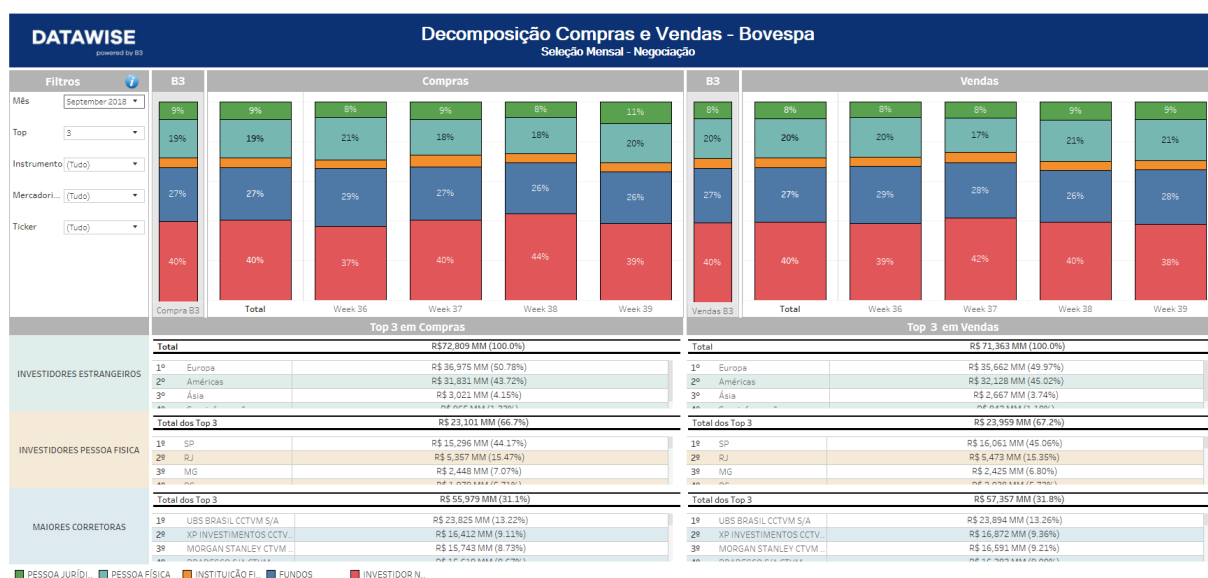
## **3 BUY AND SELL BREAKDOWN DASHBOARD – MONTHLY SELECTION**

This dashboard details the financial volume of buy and sell trades ranked by investor type.

It presents the largest trades by three main groups: Non-Resident Investors, Individual Investors and Largest Brokerage Houses.

It also presents data by location, namely, continental (for non-resident investors) and state (for individual investors).

Volumes are aggregated by monthly period.



### 4 BUY AND SELL BREAKDOWN DASHBOARD – FREE SELECTION

The dashboard presents in detail the financial volume of buy and sell trades ranked by investor type.

Volumes are aggregated by the user's period of choice.



### 5 BUY AND SELL BREAKDOWN DASHBOARD – ANNUAL SELECTION

This dashboard presents in detail the financial volume of buy and sell trades ranked by investor type.

Volumes are aggregated by the user's period of choice.



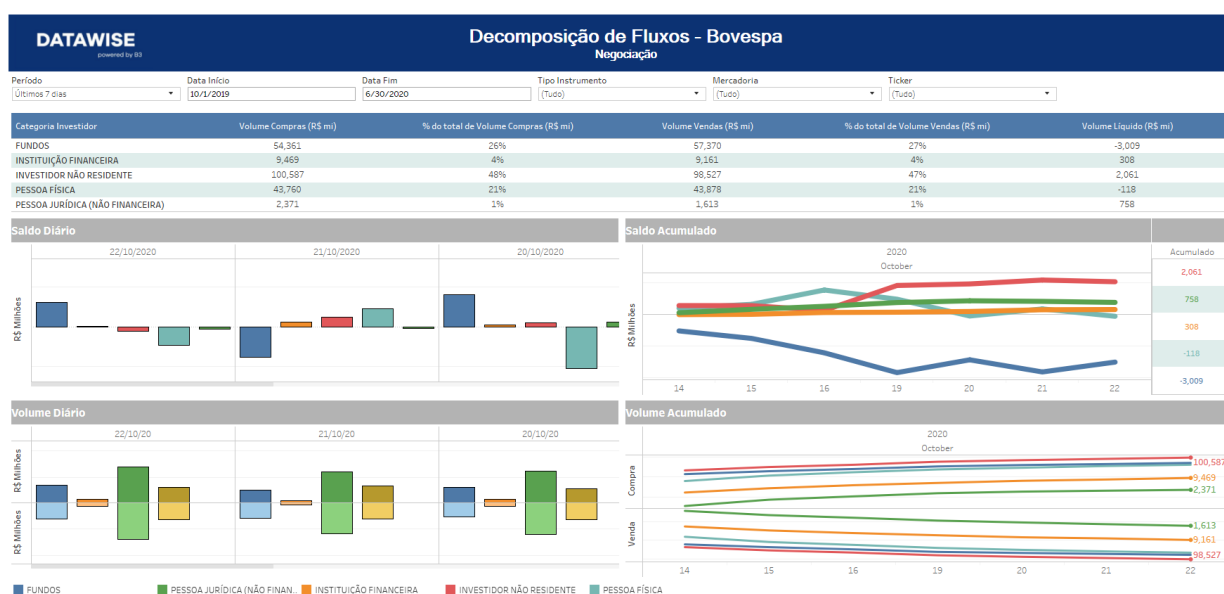


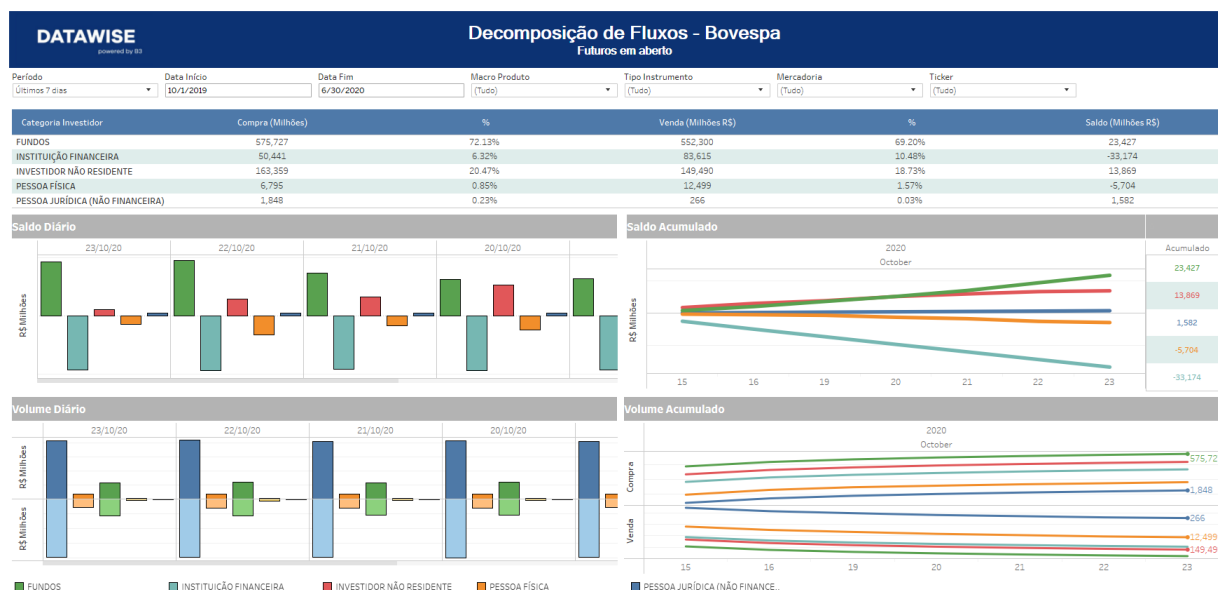
## 6 GENERAL FLOW BREAKDOWN

The General Flow Breakdown dashboard presents in detail the financial volume of buy and sell trades ranked by investor type with balance analysis and accrued volume in a historical series.

The first dashboard shows the segregation of the total financial volume, buy, sell and the balance representing the net volume.

It also shows the daily balance by investor category: Funds, Financial Institution, Non-Resident Investor, Individual Investor and Corporate Investor, besides the accrued volume and balance for the selected period.





## 7 FILTERS

### 7.1 Year

Ano

Choose the years available in the database. If the chosen year is the current year, the dashboard will load up to the period the data are available.

### 7.2 Month

Mês

Choose the month of a year available in the database. If the chosen month is the current data, the dashboard will load up to the day with available data.

### 7.3 Period

Período  Data Início  Data Fim

This filter allows users to choose between the periods of the last 7 days, 30 days or “Date Selection”, which will be established by Start Date and End Date. In this case, it is possible to select the entire database available (from August 2017) up to T-2. Or select a single specific day to understand that day in greater detail, using the other filters to achieve greater data granularity.

### 7.4 Top Level

Top

It is possible to select the most traded top level, which will reflect the volume at the top of each ranking.

### 7.5 Macro Product (Only for Futures and Derivatives)

Macro Pro...

Provides users with specific contract macro product categories.

### 7.6 Commodity

Mercadoria

This filter considers the initial letters of B3 instruments.

### 7.7 Instrument

Instrumento

Segregated by instrument type, considering cash, options, forward and futures contracts, among others.

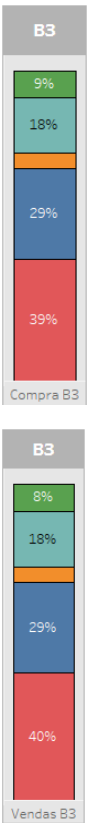
7.8 Ticker

Ticker

The most granular data level, it enables users to filter the contract using their full ticker.

8 METRICS

8.1 B3 Buy and Sell Trades



The columns on the left hand side, which are included in all breakdown dashboards between buy and sell trades, show B3’s trade value total for that segment and market. It is interesting to use them as a parameter to compare the trading status of different audiences against specific contracts and assets. In doing so, users will be able to understand whether a given asset is more or less often traded by a certain investor type.

8.2 Top 5 Buy and Sell Trades

Top  Top  Top



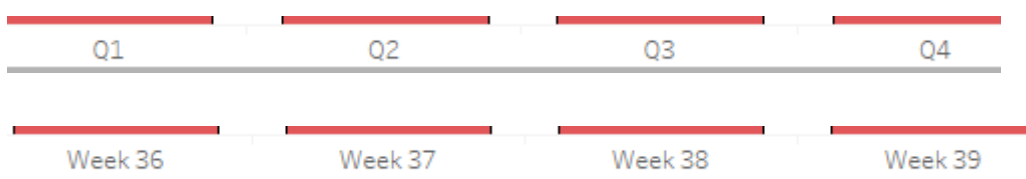
Top 5 em Compras	
Total	R\$1,160,409 MM (100.0%)

Top 5 em Vendas	
Total	R\$ 1,188,129 MM (100.0%)

When selecting the Top Level Filter, users will have the choice to assess the most traded volume in the highest ranked top 3, 5 or 10 when looking at the foreign investor, individual investor and largest brokerage house ranks.

### 8.3 Periods



When selecting the Top Level Filter, users will have the choice to assess the most traded volume in the highest ranked top 3, 5 or 10 when looking at the foreign investor, individual investor and largest brokerage house ranks.

## 9 SERVICE TEAMS

Take a major step and optimize your decision making. Explore our products. If you have any query, talk to our team.

***Any query? Talk to us***

DATAWISE Sale: [produtosdedados@b3.com.br](mailto:produtosdedados@b3.com.br)

Contracting: [contratacao@b3.com.br](mailto:contratacao@b3.com.br)

Technical Support: [dataservices@b3.com.br](mailto:dataservices@b3.com.br)