

Search for Building Visualizations

You can build visualizations from the new search bar. Type, for example, "Sales per region and year" and the Spotfire systems respond with recommendations for visualizations.

Search for Marking Values in your Data

Search and mark values in your data from the new search bar. For example, if you are looking for the sales of a specific sales rep or sales in a specific country, just type in the name and the Spotfire system will mark it.

Search to Drive your Analysis

The search bar also lets you search and run virtually any Spotfire functionality. For example, add a calculated column or similar, even for data stored in the library.

AI-powered Recommendations

Visualization recommendations powered by AI and machine learning help you find relationships in the data. If you select a column in Data in Analysis, the Spotfire system now shows recommended visualizations, including other columns that seem likely to have a relationship to the selected column.

New User Interface

A completely reimagined user experience with a beautiful interface makes it easy to find and work with all functions and tools.

One Place for Connecting to Data

A completely reimagined user experience with a beautiful interface makes it easy to find and work with all functions and tools. "Files and Data" lets the user browse and search for all kinds of data sources, files, data functions, data connections, custom data sources, etc., both locally and in the library.

One Place for Data in Analysis

"Data in Analysis" lets the user see details about the selected column, such as the distribution of values, max, min, unique values, etc., and access various functions for columns.

One Place for Visualizations

"Visualizations" lets the user choose a visualization type and drag-and-drop it on the visualization area.

One Place for Viewing Data Workflow

"Data Canvas" is where users can review and author the data pipeline for each data table in the Source View. Access it using the icon at the bottom of the Authoring bar on the left.

Visual Analytics for Real-time Data

By connecting to the new Spotfire Data Streams software, or TIBCO Live Datamart, Spotfire Analyst can now visualize data from dozens of streaming sources such as Kafka, MQTT, Salesforce Streaming, WITS, OsiPi, many capital market exchanges, and of course, other TIBCO technologies such as TIBCO Messaging.

Limit Streaming Data to a Time Range

For streaming data, you can limit the time range shown in the visualization to the last N minutes or any other time range you want to see.

New Drag-and-Drop Visuals for Visualizations

When creating a visualization from the visualizations flyout, chose one from "Search or Recommended Visualizations" and drag it where you want it on the canvas.

Configurable Preferred Aggregation Method in Spotfire Visualizations

Set a preferred aggregation method for individual columns, but also a globally preferred aggregation for numerical columns.

Add User Name and/or TimeStamp in Prepared PDF Reports Header or Footer

The prepared PDF reports can now be configured to display the current user and/or the current time in the header or footer.

Change Coordinate Reference System in Spotfire Business Author

Spotfire Business Author users can now configure the coordinate reference system (CRS) and projection of a map chart and its associated layers.

Geocoding Coverage Updates

Over 160,000 new cities are now available worldwide. New administrative areas are supported for the US that include area code, borough, CBSA, congressional district, and school district.

The Summary View for Data Wrangling

When adding and replacing data, the Summary View will not only show you how your data will be added, it will also recommend how data should be added.

Define Add Columns and Add Rows without Waiting for Data to Load

Since the Summary View is displayed before data is loaded, you are now able to define Add Columns and Add Rows operations without loading one of the data tables into memory first.

Recommended Add Rows while Adding Data

The recommendation engine is built right into the Summary View and will run across all listed tables. This allows the recommendation engine to work across tables not yet loaded into the analysis file.

Add Columns with Recommended Column Matches while Adding Data

Just like with Add Rows recommendations, you can configure Add columns in one step, before loading data.

Recommendation Engine Support for Links Between Tables

The visualization recommendation engine is now an integrated part of the data panel. There is also a new type of recommendation available, recommended table links.

Categorization of In-database Columns in the Data in Analysis

As with in-memory data tables, in-database data tables are now easier to navigate because their columns are automatically categorized and grouped by numbers, categories, currency, time, location, identifiers, and binary.

Apache Drill Support

A native connector for Apache Drill is now included, available in the "Connect to" list in the Windows Spotfire Analyst client. The connector works in conjunction with the MapR Drill ODBC driver.

Dremio Support

A native connector for Dremio is now included, available in the "Connect to" list in the Windows Spotfire Analyst client. The connector works in conjunction with the Dremio ODBC driver.

New Connector List

A new way to list connectors makes it easier to find the data source you want to connect to. Each connector also has updated help text that helps you instantly find details on working with the connector.

Data Tools Consolidated into One Menu

All data-related menu items are now moved to a Data menu.

Scheduling Automation Services Jobs

In the new Automation Services area of the administration interface, you can schedule Automation Services jobs and monitor the activity of all Automation Services jobs that are run in your Spotfire environment.

The TERR Service

The TERR service is now available as part of the Spotfire environment, along with the existing Web Player service and Automation Services.

Improved Scheduled Update Job Handling

Scheduled update jobs that cannot be immediately run are now all queued on the Spotfire Server for distribution to Spotfire Web Player instances as they become available. This results in a more robust routing of jobs than before when each service maintained its own job queue after its maximum number of concurrent updates was reached.

Node Manager Performance Monitoring

At the DEBUG logging level, the node manager now produces a performance.monitoring.log file that is similar to the server log file with the same name.

New Commands for Server and Administration

The create-scheduled-jobs command creates scheduled Automation Services jobs from a local JSON file that is created by the administrator. That remove-config-property command modifies the configuration.xml file to remove the value(s) of a specific configuration property.

Preferred Aggregation Method

An API can get or set the preferred aggregation method to be used by plot heuristics when creating aggregated expressions from a data column.

Default Layers for Map Chart

An API can load the default layer, for example, base map layer, TMS layer, or feature layer, when configuring a map chart.