



Version: 4.2.2

Data Source

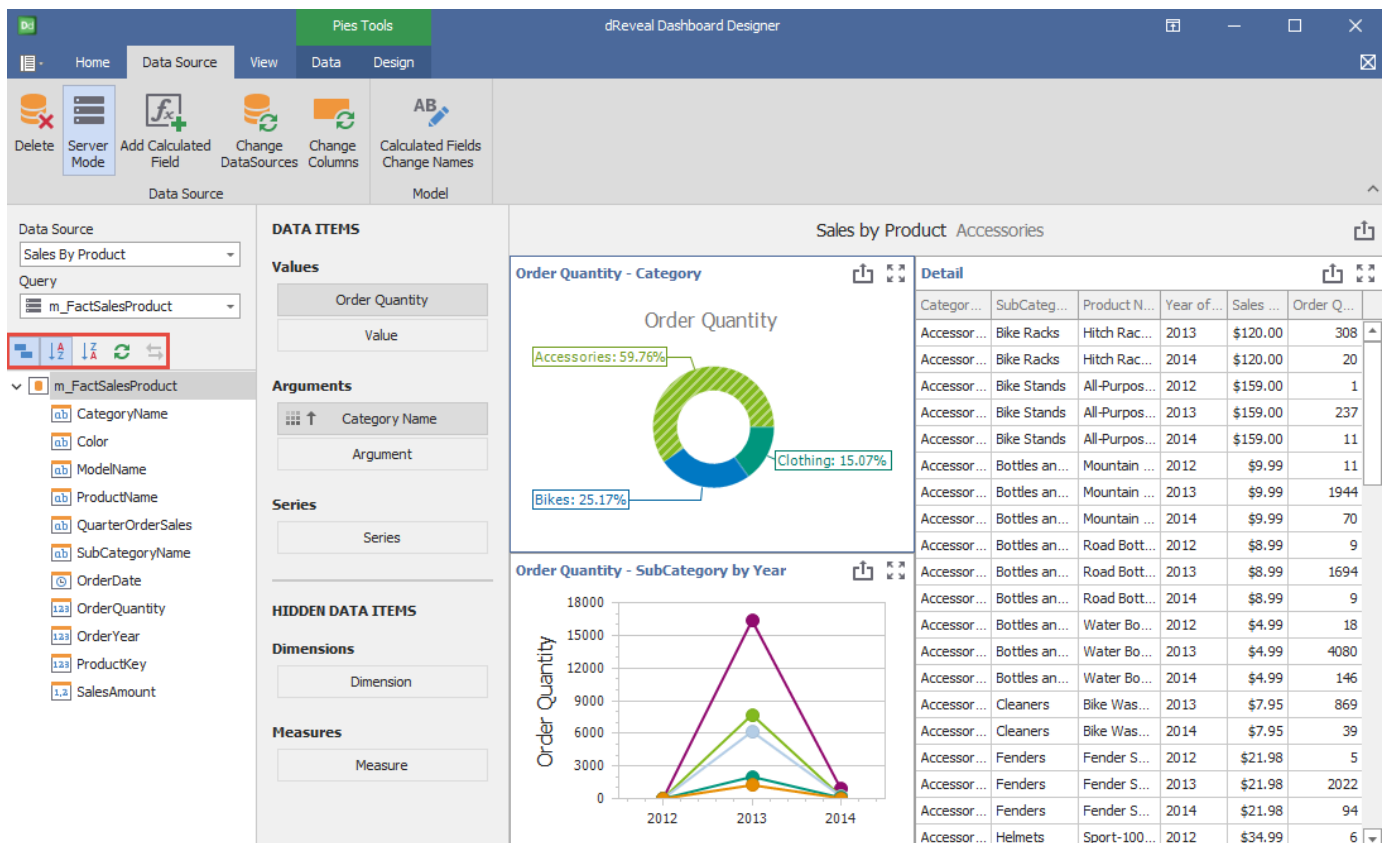
Article 08/22/2023

Dashboard Designer provides users with the ability to perform a variety of key actions, such as seamlessly adding calculated fields, renaming them as needed, switching data sources on the fly, and easily adjusting column selections within the data source. With these capabilities, users can tailor their reports precisely to their requirements, ensuring clarity and relevance in every. These options will be detailed later on.

The screenshot displays the dReveal Dashboard Designer interface. The top navigation bar includes 'Home', 'Data Source', 'View', 'Data', and 'Design'. The 'Data Source' tab is active, showing a toolbar with icons for 'Delete', 'Server Mode', 'Add Calculated Field', 'Change DataSources', 'Change Columns', and 'Calculated Fields Change Names'. The left sidebar lists the 'Data Source' as 'Sales By Product' and the 'Query' as 'm_FactSalesProduct'. Below this, a list of fields is shown, including 'CategoryName', 'Color', 'ModelName', 'ProductName', 'QuarterOrderSales', 'SubCategoryName', 'OrderDate', 'OrderQuantity', 'OrderYear', 'ProductKey', and 'SalesAmount'. The main workspace is divided into two sections: 'DATA ITEMS' and 'HIDDEN DATA ITEMS'. The 'DATA ITEMS' section includes 'Values' (Order Quantity, Value), 'Arguments' (Category Name, Argument), 'Series' (Series), and 'Measures' (Measure). The 'HIDDEN DATA ITEMS' section includes 'Dimensions' (Dimension) and 'Measures' (Measure). The right side of the interface shows two visualizations: 'Order Quantity - Category' (a donut chart) and 'Order Quantity - SubCategory by Year' (a line chart). The donut chart shows the distribution of order quantities by category: Accessories (59.76%), Bikes (25.17%), and Clothing (15.07%). The line chart shows the order quantity over time (2012, 2013, 2014) for different subcategories. A table titled 'Sales by Product Accessories' is also visible, showing details for various products and their sales data.

Category...	SubCateg...	Product N...	Year of...	Sales ...	Order Q...
Accessor...	Bike Racks	Hitch Rac...	2013	\$120.00	308
Accessor...	Bike Racks	Hitch Rac...	2014	\$120.00	20
Accessor...	Bike Stands	All-Purpos...	2012	\$159.00	1
Accessor...	Bike Stands	All-Purpos...	2013	\$159.00	237
Accessor...	Bike Stands	All-Purpos...	2014	\$159.00	11
Accessor...	Bottles an...	Mountain ...	2012	\$9.99	11
Accessor...	Bottles an...	Mountain ...	2013	\$9.99	1944
Accessor...	Bottles an...	Mountain ...	2014	\$9.99	70
Accessor...	Bottles an...	Road Bott...	2012	\$8.99	9
Accessor...	Bottles an...	Road Bott...	2013	\$8.99	1694
Accessor...	Bottles an...	Road Bott...	2014	\$8.99	9
Accessor...	Bottles an...	Water Bo...	2012	\$4.99	18
Accessor...	Bottles an...	Water Bo...	2013	\$4.99	4080
Accessor...	Bottles an...	Water Bo...	2014	\$4.99	146
Accessor...	Cleaners	Bike Was...	2013	\$7.95	869
Accessor...	Cleaners	Bike Was...	2014	\$7.95	39
Accessor...	Fenders	Fender S...	2012	\$21.98	5
Accessor...	Fenders	Fender S...	2013	\$21.98	2022
Accessor...	Fenders	Fender S...	2014	\$21.98	94
Accessor...	Helmets	Sport-100...	2012	\$34.99	6

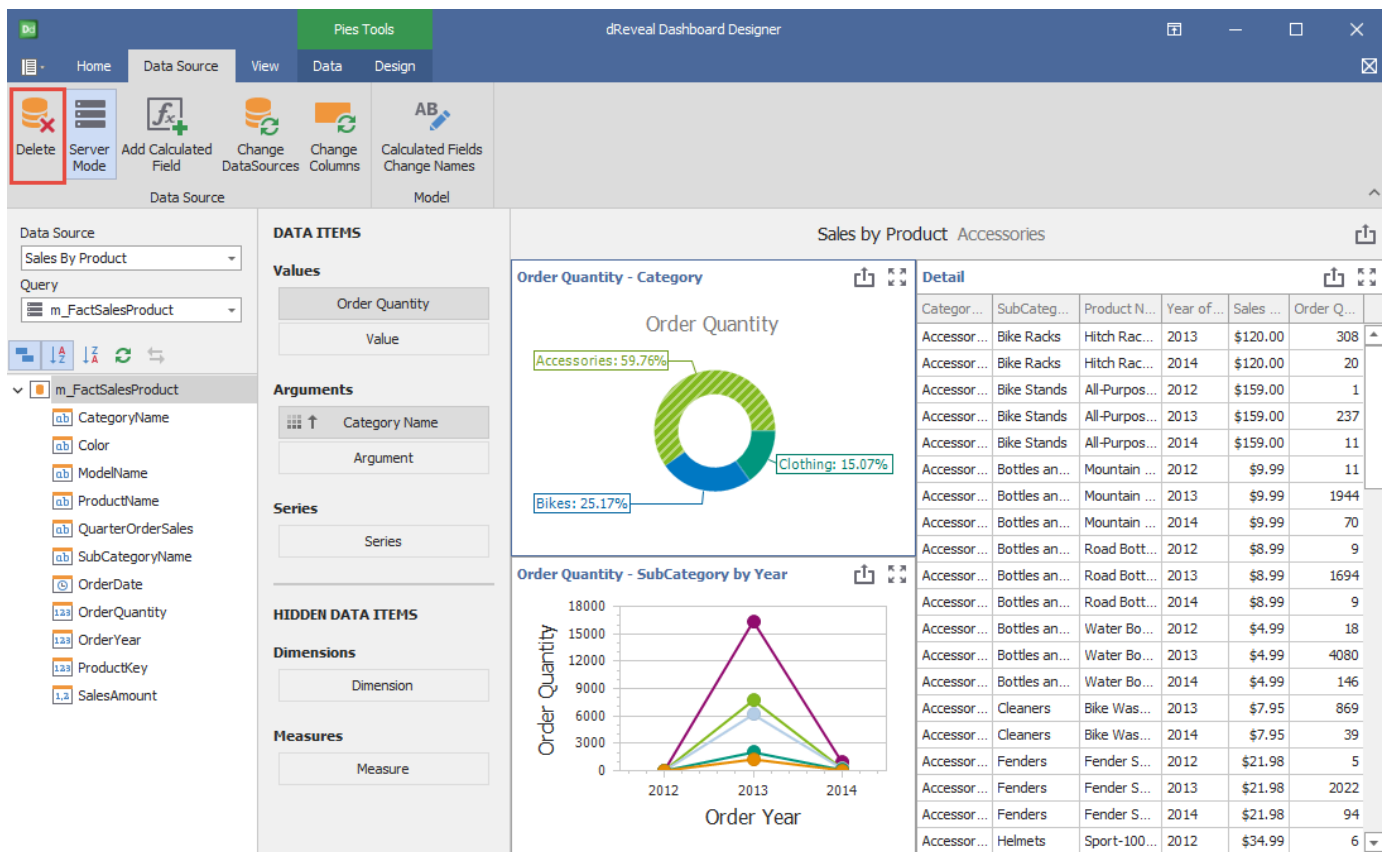
Dashboard Designer also provides the ability to apply certain actions to the selected view in the report, as we will detail below:



1. Group Fields by Type: This option groups the fields according to the data type of each one.
2. Sort Fields A to Z: This option applies ascending sorting to the fields.
3. Sort Fields Z to A: This option applies descending sorting to the fields.
4. Reload data: This option reloads the data if a column is included or unlinked from the selected view.
5. Change the data source: This option changes the data source of a selected chart if working with another view in the same report.

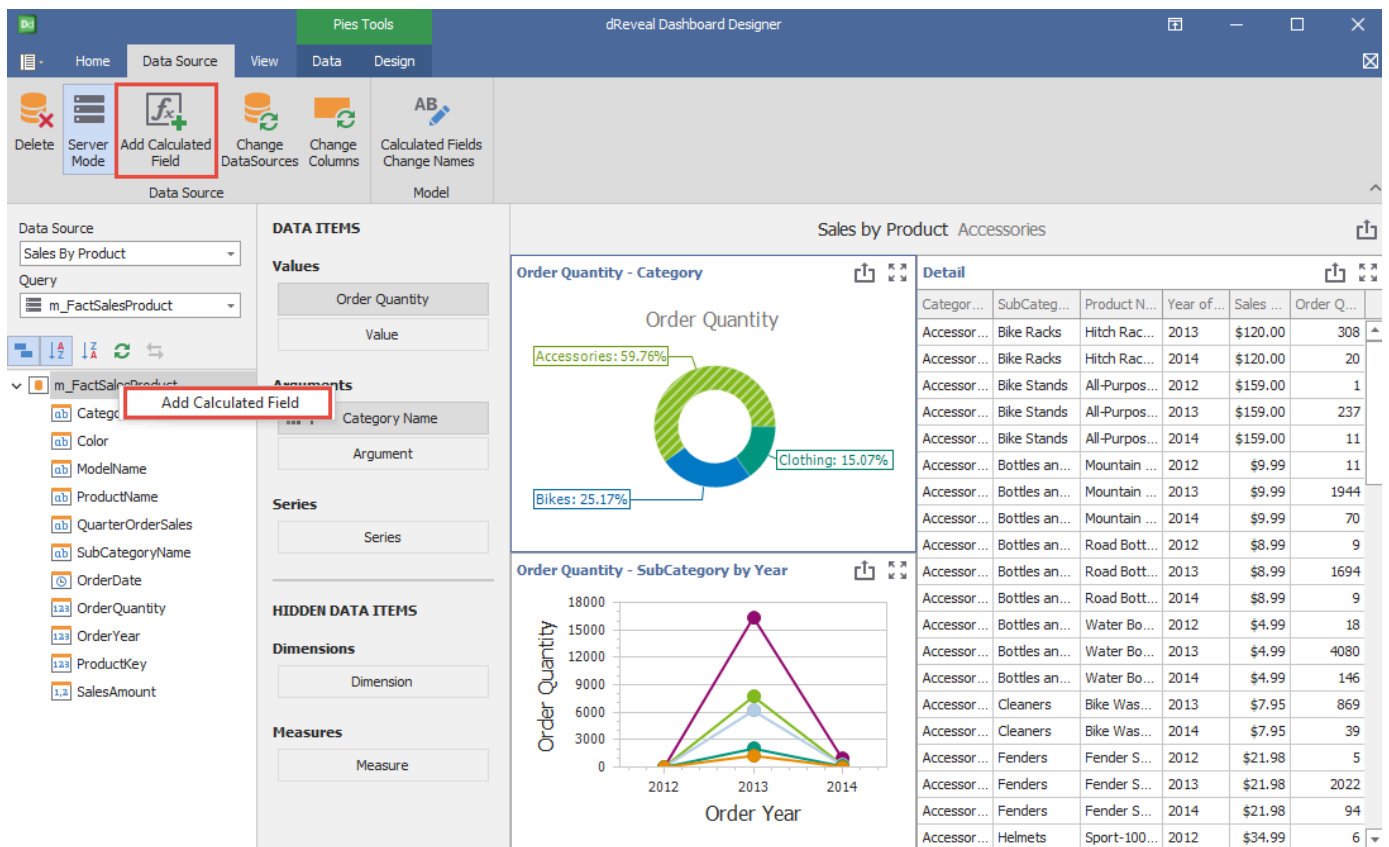
Delete

This option removes the current data source.



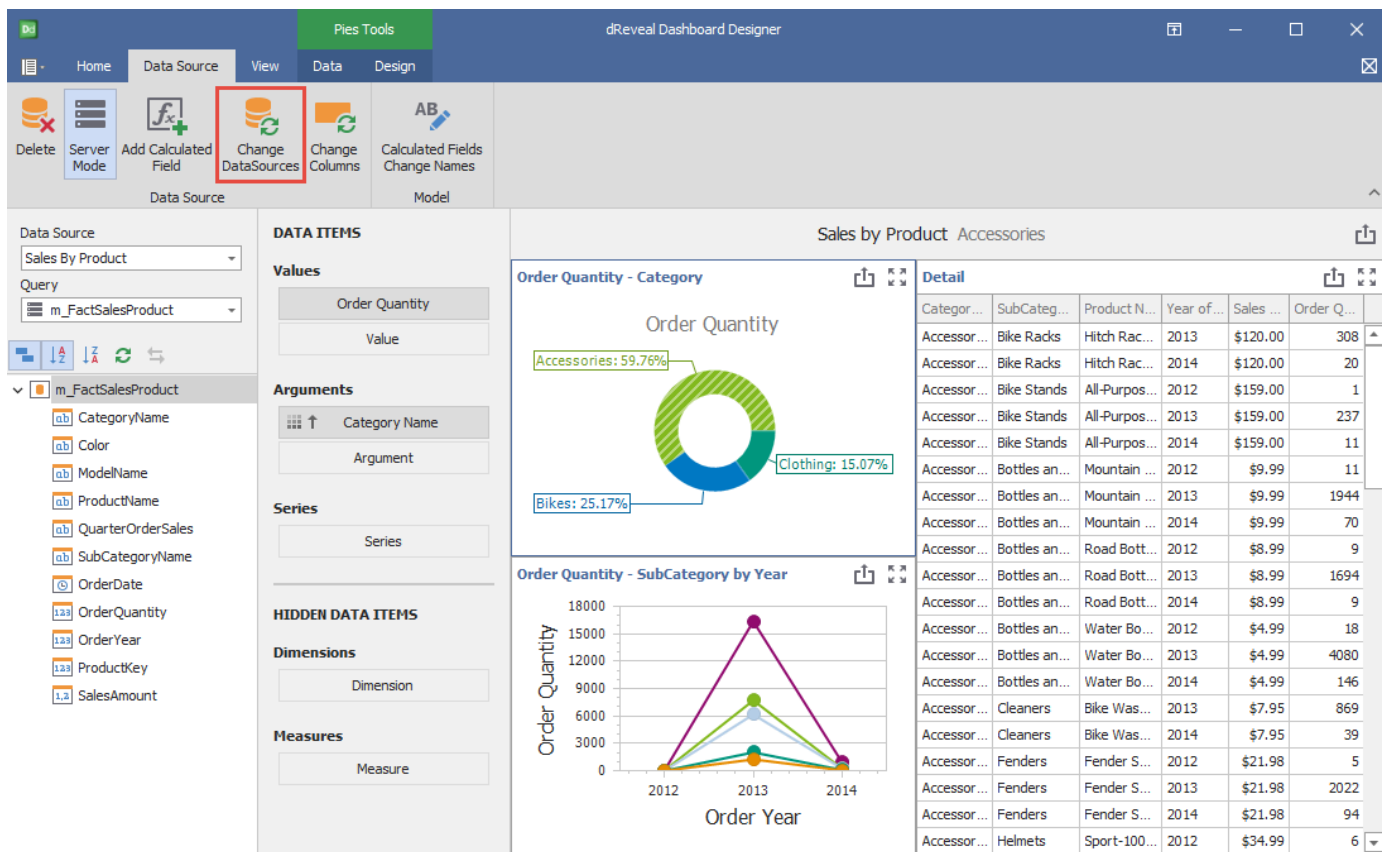
Add Calculated Field

This option allows the user to create custom calculated fields, enabling users to tailor their reports to specific needs. Calculated fields are expressions that utilize other existing fields in the report. Instead of containing physically stored data, a calculated field generates its value based on data in other fields. This allows for additional calculations, manipulations, and analysis on existing data, which can be useful for obtaining specific information or performing customized operations according to user needs.



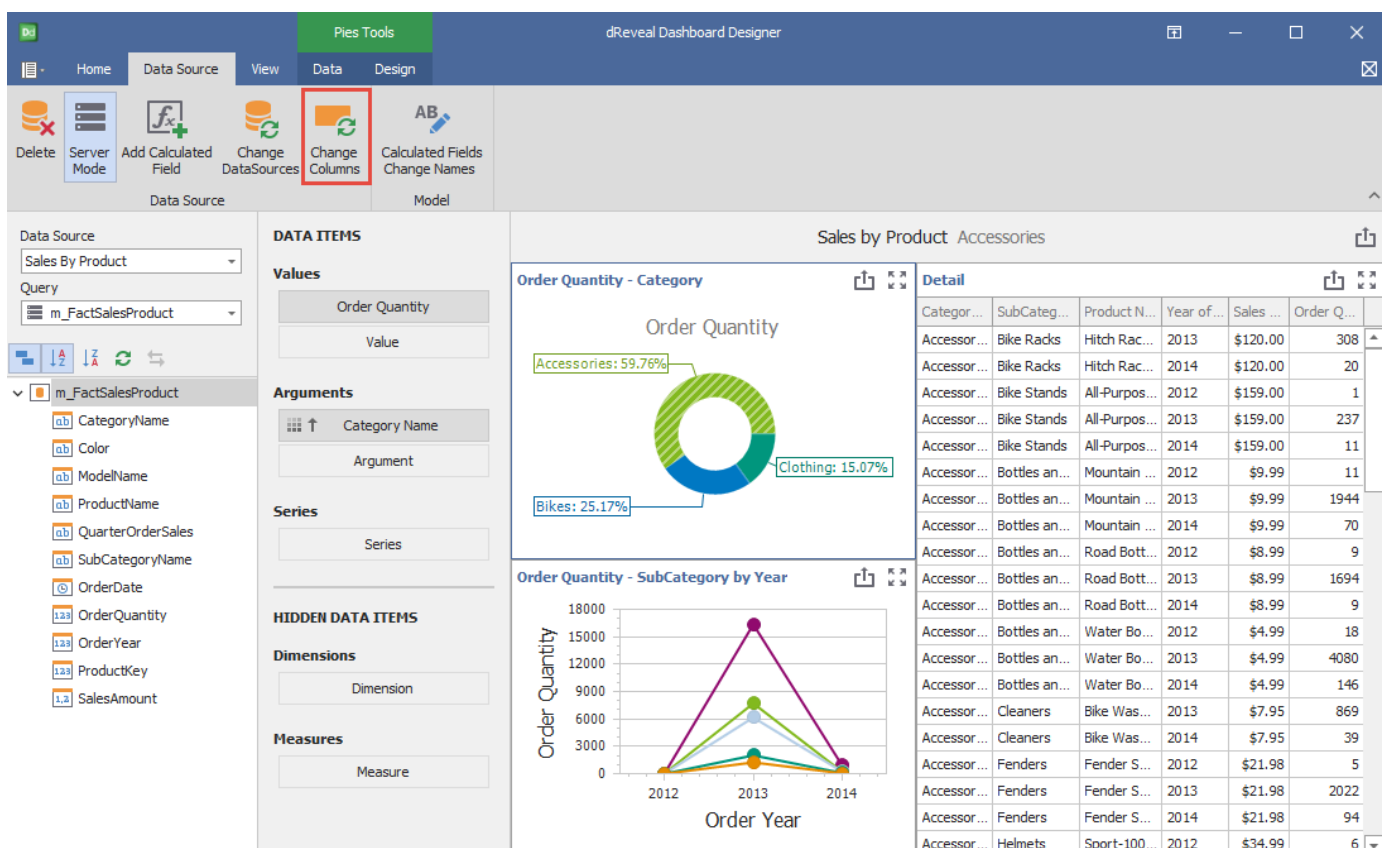
Change DataSources

This option allows the user to change the data source in case they need to add another view to the report. When adding a new view, you must select the columns that will be included in the report of the selected new view.



Change Columns

This option allows the user to select or deselect the columns included in the report according to the selected view.



Calculate Fields Change Names

This option allows the user to rename the calculated fields that have been created in the report.

The screenshot shows the dReveal Dashboard Designer interface. The 'Model' tab is selected, and the 'Calculate Fields Change Names' option is highlighted in the 'Model' section. The interface displays a data source 'm_FactSalesProduct' with various fields. The 'DATA ITEMS' section shows 'Order Quantity' as a value. The 'Arguments' section shows 'Category Name' as an argument. The 'Series' section shows 'Series'. The 'HIDDEN DATA ITEMS' section shows 'Dimension'. The 'Measures' section shows 'Measure'. The main area displays two charts: 'Order Quantity - Category' (a donut chart showing Accessories: 59.76%, Bikes: 25.17%, and Clothing: 15.07%) and 'Order Quantity - SubCategory by Year' (a line chart showing Order Quantity from 2012 to 2014). A table titled 'Sales by Product Accessories' is also visible, showing details for various accessories.

Category...	SubCateg...	Product N...	Year of...	Sales ...	Order Q...
Accessor...	Bike Racks	Hitch Rac...	2013	\$120.00	308
Accessor...	Bike Racks	Hitch Rac...	2014	\$120.00	20
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