

Calculating Variance

This procedure will help explain how to use the Variance charting function. To learn more about this function, click [here](#).

1. Ensure that your report has at least two metric and one dimension fields.
2. In the chart builder, apply a dimension field to one of the axis.
3. Then use the variance function on the other axis by dragging it there.
4. Provide details of your variance function in the popup that appears.

Add Variance

Variance Name

Variance Between

Custom Set

-- Select --

Custom Set

-- Select --

Display Variance as

☒ # Value

☐ % of Total Variance

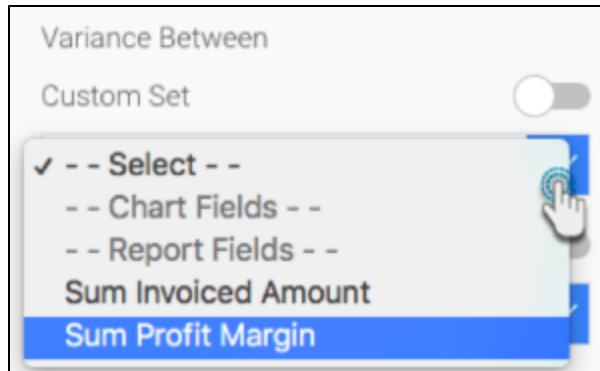
☐ % Percentage

☐ % Change in Relative Proportion

(v1 - v2)

Submit

5. Give your variance a name.
6. Now choose two data values to calculate the variance between them. You can select either a field from your report or create a custom data set for each of these values.
7. To select an existing field, simply choose one from the dropdown list.



8. Or you could create a set analysis to generate a set of data for comparison. To do so, enable the Custom Set button, and then click on the Create button.



9. A new set analysis popup will appear. Use this to generate your data set. (Click [here](#) to learn how to create a set analysis.)

A screenshot of a "New Set" dialog box. It has a blue header bar with a close button (X). The main area contains three input fields: "Set Name" (a text box), "Set Metric" (a dropdown menu with "-- Select Field --" and a blue arrow), and "Add Filter" (a dropdown menu with "-- Select Filter Field --" and a blue arrow). At the bottom is a blue "Submit" button.

10. Once you've create your data set, you can also delete or edit it.

Custom Set

Male Athlete Profit

Delete

Edit

11. Now that you have selected both the fields that need to be compared, choose a variance formula to calculate the degree with which the compare the data. (Click [here](#) to see a table explaining each of these formulas.)

Display Variance as

Value

% of Total Variance

% Percentage

% Change in Relative Proportion

$$((v1 - v2) / \text{Sum}(v1 - v2))$$

12. Finally, click on the Submit button to view the result of variance in your chart.

