Splunk® Enterprise Search Tutorial 7.3.1

Create a basic chart

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Create a basic chart

In this example you compare the counts of user actions by calculating information about the actions customers have taken on the online store website.

- The number of times each product is viewed
- The number of times each product is added to the cart
- The number of times each product is purchased

Prerequisite
This example requires the `productName` field from the Enabling field lookups section. You must complete all of those steps before continuing with this section. If you do not configure the field lookups, the searches will not produce the correct results.
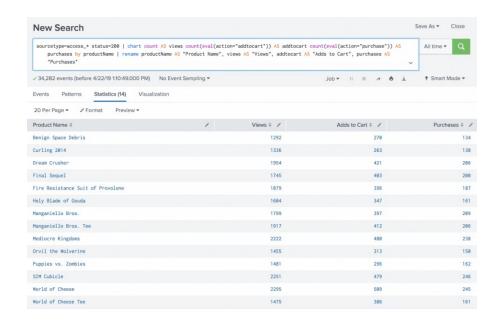
Steps

1. Start a new search.
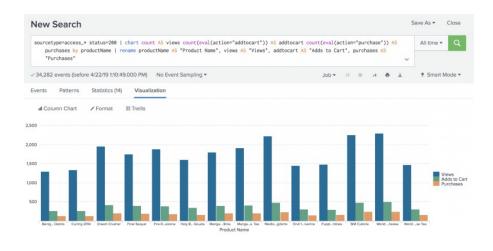2. Set the time range to **All time**.
3. Run the following search.

```
sourcetype=access_* status=200 | chart count AS views
count(eval(action="addtocart")) AS addtocart
count(eval(action="purchase")) AS purchases by productName |
rename productName AS "Product Name", views AS "Views", addtocart
AS "Adds to Cart", purchases AS "Purchases"
```

This search uses the `chart` command to count the number of events that are `action=purchase` and `action=addtocart`. The search then uses the `rename` command to rename the fields that appear in the results.

The `chart` command is a transforming command. The results of the search appear on the **Statistics** tab.

4. Click the **Visualization** tab. The search results appear in a Pie chart.
5. Change the display to a **Column** chart.

Next step

Create an overlay chart and explore visualization options

See also

chart command in the *Search Reference*
rename command in the *Search Reference*
Transforming commands in the *Search Manual*