



Splunk Cloud Platform™

Splunk Dashboard Studio 9.0.2303

Part 4: Add a line chart

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Part 4: Add a line chart

As a representative of Buttercup Games, you need to present a breakdown of the store's purchase trends. In Splunk Dashboard Studio, you can add a line chart visualization to showcase trends. You will create a line chart that demonstrates purchase trends over time for different game categories.

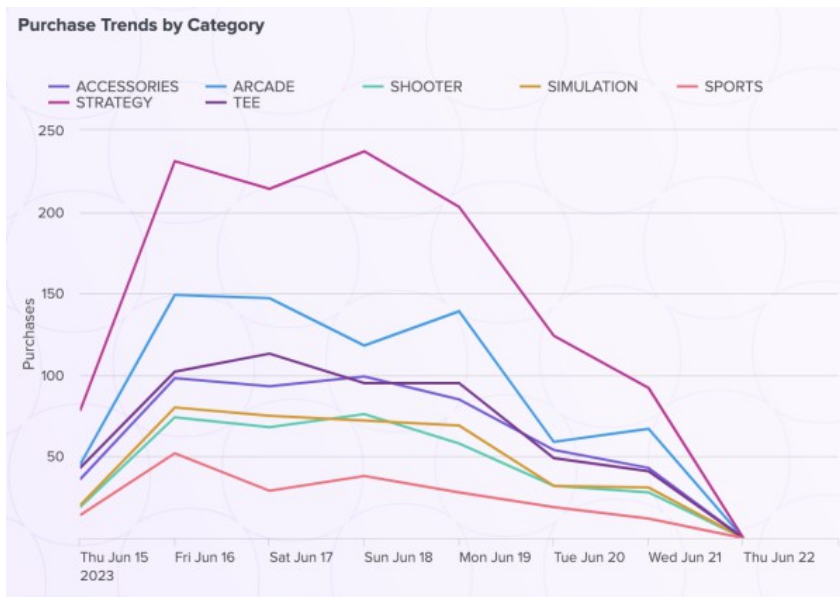
1. Select the add chart icon (📊) in the editing toolbar, and then select **Line**.
2. In the **Search** section of the **Select Data** panel, select **+ Create Search**.
3. Name the data source **Purchase Trends by Category**.
4. Add your search. For this tutorial, copy and paste the following search into the **SPL Query** field:

```
index=main sourcetype=access_* status=200 action=purchase categoryId!=NULL  
| fields _time categoryId clientip  
| timechart count by categoryId
```

This creates a chart where all purchases within each game category are added up and shown as a line chart. The x-axis represents time and all the lines demonstrating trends for each individual game category are overlaid on the same line chart.

5. Select **Apply & Close**. At this point, you've created a new data source and assigned it to a line chart.
6. Select the line chart and title it **Purchase Trends by Category**.
7. In the **Color and style** section of the **Configuration** panel, change the **Background** to transparent.
8. In the **Legend** section of the **Configuration** panel, select **Top** from the **Legend display** drop-down menu.
9. In the **X-axis grid and labels** section of the **Configuration** panel, turn off **Axis title**.
10. In the **Y-axis grid and labels** section of the **Configuration** panel, title the Y-axis **Purchases**.
11. Move and resize your line chart to center it on the top right rectangle.

After completing Part 4, your line chart looks similar to the following:



Next step

You've completed Part 4 of the Splunk Dashboard Studio tutorial and your dashboard has a line chart. Next, you'll show total revenue from Buttercup Games by adding a single value visualization. Continue to Part 5: Add a single value visualization.