Splunk Cloud Platform™
Splunk Dashboard Studio 9.0.2303

Part 6: Add a map

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Part 6: Add a map

After adding all these visualizations, you decide that you want to show purchases of Buttercup Games across a world map categorized by game type. In this part of the tutorial, create an interactive map that uses colors to demonstrate purchase quantity by country.

1. Select the add chart icon ( ) in the editing toolbar, and then select **Map**.
2. In the **Search** section of the **Select Data** panel, select **+ Create Search**.
3. In the **New Data Source** panel, name the source **Purchases by Locations**.
4. Add your search. For this tutorial, copy and paste the following search into the **SPL Query** field:

   ```
   index=main sourcetype=access_* action=purchase status=200 productName="*"
   | iplocation clientip
   | lookup geo_countries latitude AS lat longitude AS lon OUTPUT featureId AS country
   | stats count by country
   | geom geo_countries featureIdField=country
   ```
   This search finds the countries that customers are located in based on their IP address, and then adds up purchases by the country that the customer is from.
5. Select **Apply & Close**. At this point, you've created a new data source and assigned it to the map. There will be no visible changes to the map.
6. In the **Data layer formatting** section, change **Layer type** to **Choropleth**. A choropleth map is a type of map that uses color to show aggregate values. In this tutorial, the map uses color to show purchase amounts.
7. Make sure that **Region area IDs** is set to **country (string)** and that **Values** is set to **count (number)**.
8. Use the drag handle to move and resize the map to the bottom left rectangle. If you select the map anywhere other than the drag handle, the map's position will not move. You would instead move the locations visible on the map.
9. Add a title to the map visualization by selecting the add Markdown icon ( ) in the editing toolbar.
10. Enter ****Purchases by Location**** in the text box. The asterisks bold the text using Markdown formatting.
11. Resize and position the text box to fit above the map and inside the rectangle. Resize the map again if necessary to include the text.

After completing Part 6, your map looks similar to the following:

Purchases by location
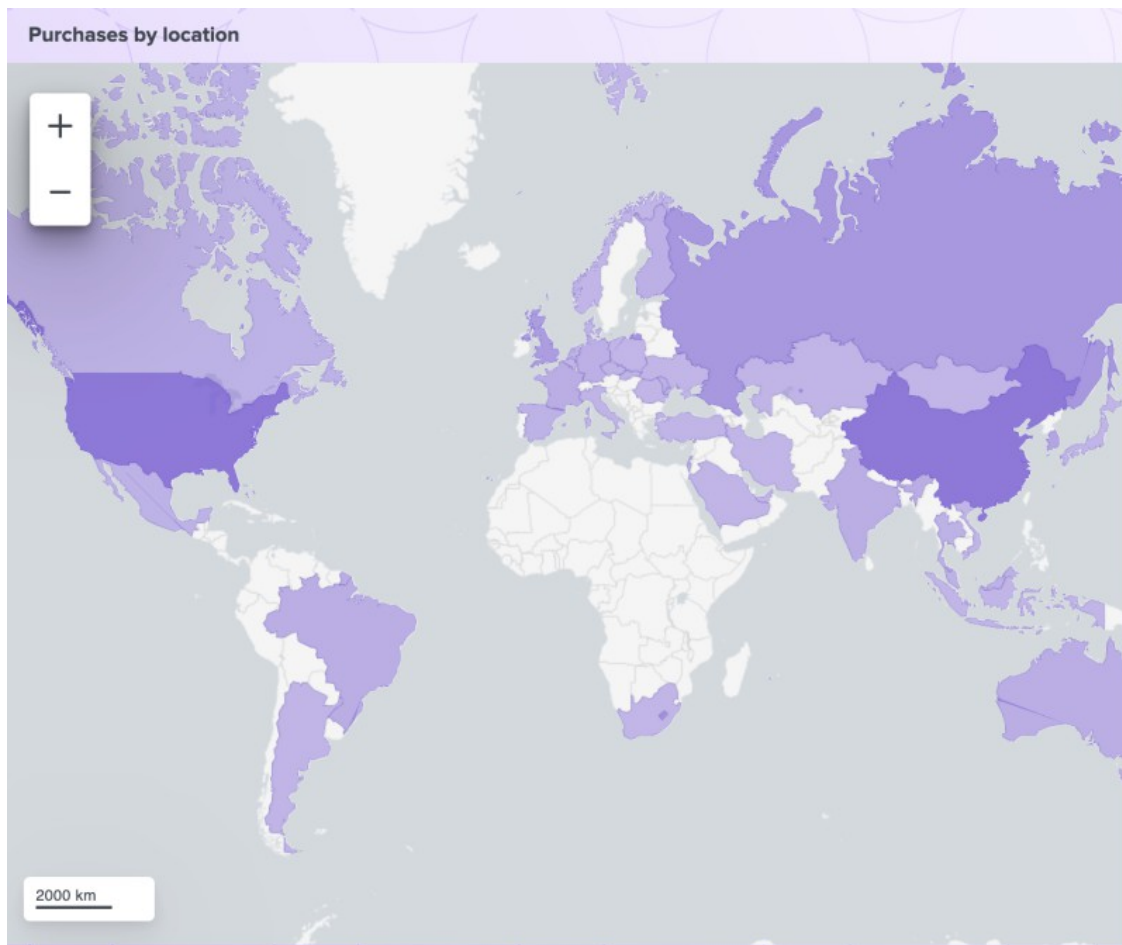
Next step

You've completed Part 6 of the Splunk Dashboard Studio tutorial and your dashboard has a map showing the connection between geographic locations and purchases. Next, you'll add a drop-down menu input to filter the visualizations you've added so far. Continue to Part 7: Add an input.