

Project: Visualizing Live Streaming Data with Elixir, Kafka, and Chart.js

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Task 10: Distinguish the Data

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You may recall that the producer sends two different messages with different labels. To make the data of each label recognizable, add some color to each label.

For this, create a `dynamicColor()` function that returns a random color in the `rgba(r, g, b, alpha)` format.

If you need help with this task, click the “Show Hint” button.

💡 Hide Hint

Generate a random value using the `Math.floor()` and `Math.random()` methods.

If you’re unsure how to generate random colors, click the “Show Solution” button.

💡 Hide Solution

Add the following `dynamicColor()` function in the `line_chart.js` file:

```
dynamicColor() {
  var r = Math.floor(Math.random() * 255);
  var g = Math.floor(Math.random() * 255);
  var b = Math.floor(Math.random() * 255);
  return "rgba(" + r + "," + g + "," + b + ", 0.5)";
}
```

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Sea

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> .git

> TestElixir

> consumer

> kafka

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Open a file by clicking from the file tree

root@educative:/usercode

/kafka#

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