

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

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Task 12: Add New Points to the Chart

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1. Create a newPoints method with label and value as parameters.

2. Check if the label already exists. If it doesn't, create a new label.

3. Load the existing or newly-created dataset, and push the data in the following format:

I. The current time on the x-axis

II. The value on the y-axis

4. Lastly, update the chart.

If you need any help, click the "Show Hint" button below.

Hide Hint

Use the .push() method to insert data into the

Use Date.now() to get the current time.

Call the chart.update() method to update the chart.

If you're unsure how to add the newPoints method, click the "Show Solution" button below.

Hide Solution

Add the following newPoints(label, value) method to the line_chart.js file:

```
newPoints(label, value) {
  const dataset = this.existingLabel(label) || this.newLabel(label)
  dataset.data.push({x: Date.now(), y: value})
  this.chart.update()
}
```

Open a file by clicking from the file tree

root@educative:/usercode

/kafka#

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