

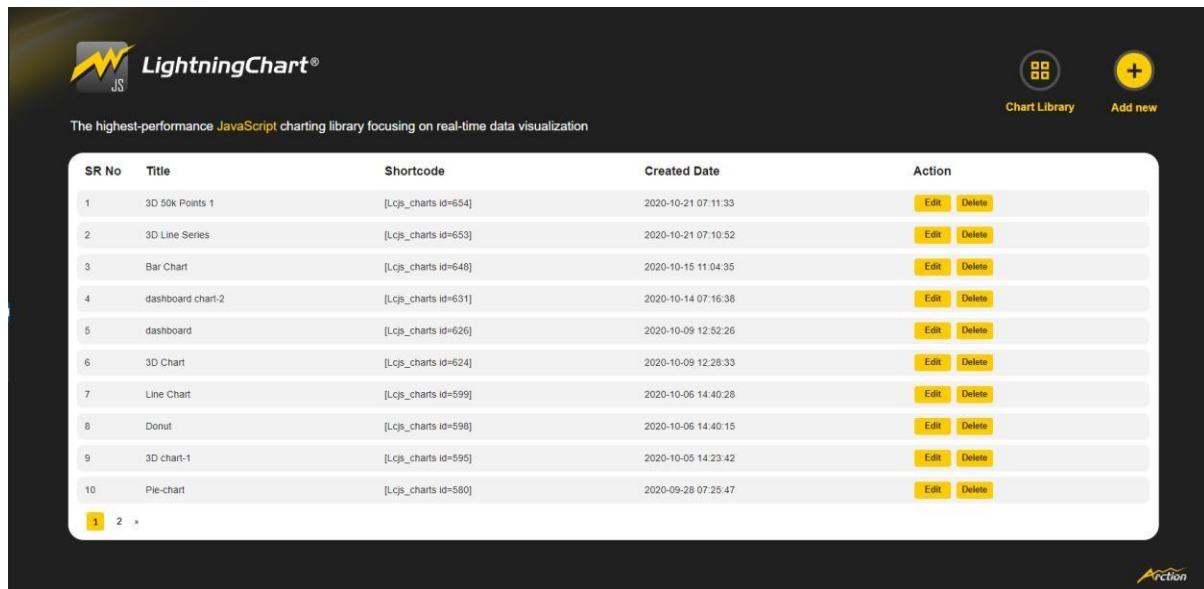
LCJS Charts Plugin: Documentation

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What is LCJS Charts:

LCJS Charts is a LightningChart JS plugin that can be used to easily create, update, manage and embed interactive charts into your WordPress posts and pages.

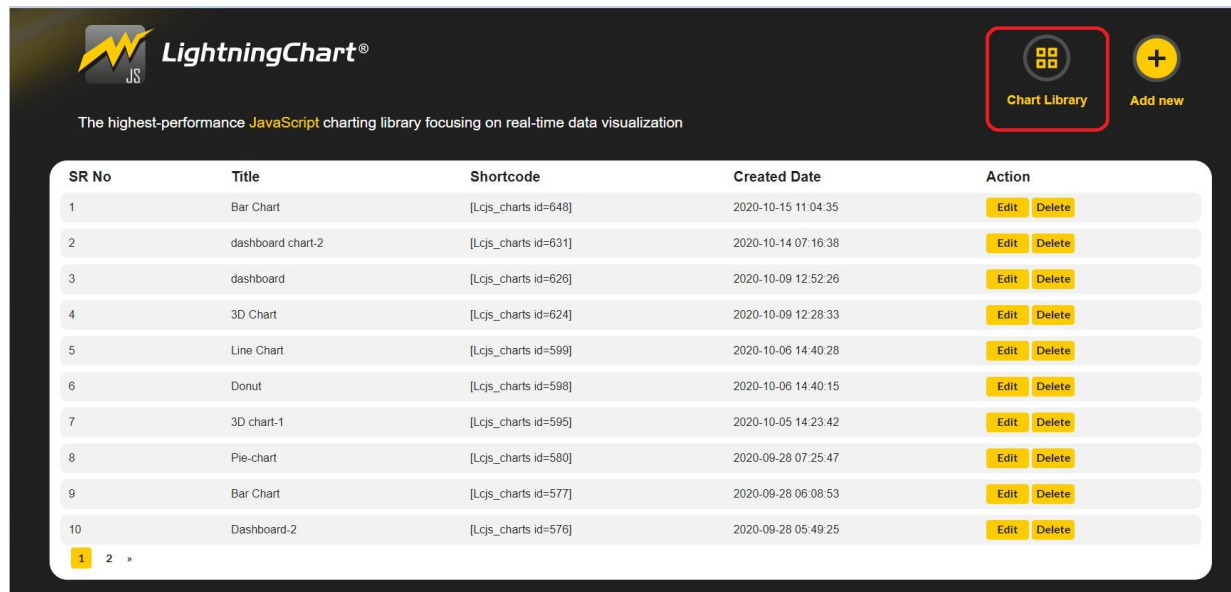


How to install LCJS Charts:

To install the **free** version of LCJS Charts plugin, you need to go to your **Dashboard > Plugins > Add New** and **Search** for LCJS Charts. From there you can install and activate the plugin.

The Chart Library:


All the charts are visible in your **dashboard > LCJS Charts > Chart Library**. There you can see all the existing charts. By default, in chart library the chart comes with some sample content of html code and JavaScript code that you can change or update with 'Edit' option.



The screenshot shows the LightningChart dashboard. At the top left is the LightningChart logo with the tagline "The highest-performance JavaScript charting library focusing on real-time data visualization". On the top right, there are two buttons: "Chart Library" (highlighted with a red box) and "Add new". Below these is a table listing 10 charts.

SR No	Title	Shortcode	Created Date	Action
1	Bar Chart	[Lcjs_charts id=648]	2020-10-15 11:04:35	Edit Delete
2	dashboard chart-2	[Lcjs_charts id=631]	2020-10-14 07:16:38	Edit Delete
3	dashboard	[Lcjs_charts id=626]	2020-10-09 12:52:26	Edit Delete
4	3D Chart	[Lcjs_charts id=624]	2020-10-09 12:28:33	Edit Delete
5	Line Chart	[Lcjs_charts id=599]	2020-10-06 14:40:28	Edit Delete
6	Donut	[Lcjs_charts id=598]	2020-10-06 14:40:15	Edit Delete
7	3D chart-1	[Lcjs_charts id=595]	2020-10-05 14:23:42	Edit Delete
8	Pie-chart	[Lcjs_charts id=580]	2020-09-28 07:25:47	Edit Delete
9	Bar Chart	[Lcjs_charts id=577]	2020-09-28 06:08:53	Edit Delete
10	Dashboard-2	[Lcjs_charts id=576]	2020-09-28 05:49:25	Edit Delete

At the bottom left of the table, there are pagination controls: "1", "2", and a right arrow.



The screenshot shows the Chart Library sidebar menu. At the top left is a back arrow icon and the text "Chart Library". At the top right is an "Open all" button. Below these are seven menu items, each with a chart icon and a dropdown arrow:

- Bar Chart
- Radial Charts
- Line Series
- Trading
- Statistics
- Area Series
- 3D Charts

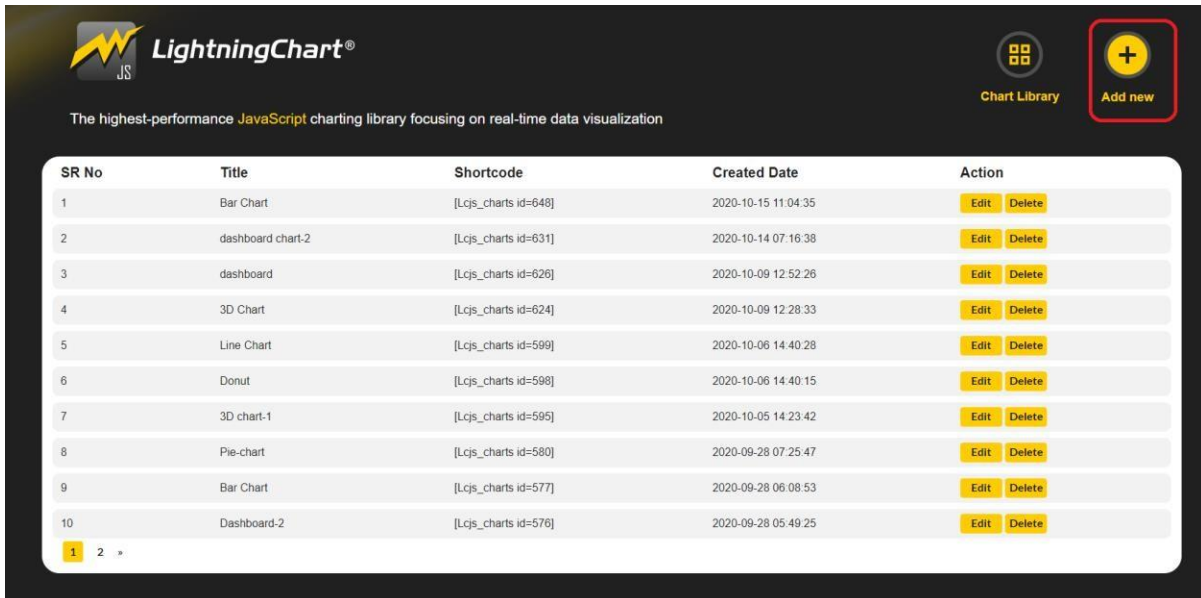
At the bottom right, there is a small "Action" logo.

The image displays a 'Chart Library' interface with a dark theme. At the top left is a back arrow icon, and at the top right is an 'Open all' button. The library is organized into three main sections, each with a category icon and title, and a list of chart thumbnails.

- Bar Chart** (Icon: three vertical bars):
 - Thumbnail: A grouped bar chart with orange and blue bars.
 - Label: Bar Chart
- Vertical Bars** (Icon: three vertical bars):
 - Thumbnail: A grouped bar chart with orange and blue bars.
 - Label: Vertical Bars
- Horizontal Bars** (Icon: three horizontal bars):
 - Thumbnail: A grouped horizontal bar chart with orange and blue bars.
 - Label: Horizontal Bars
- Radial Charts** (Icon: a gear):
 - Thumbnail: A donut chart with segments in orange, green, and blue.
 - Label: Donut
- Radar** (Icon: a radar chart):
 - Thumbnail: A radar chart with five axes and a blue area.
 - Label: Radar
- Pie Chart** (Icon: a pie chart):
 - Thumbnail: A pie chart with four segments in orange, green, blue, and red.
 - Label: Pie Chart
- Line Series** (Icon: a line graph):
 - Thumbnail: A line chart with two series, orange and blue, showing price trends.
 - Label: Diesel and Gasoline Price Comparison
- Simple Line Series** (Icon: a line graph):
 - Thumbnail: A line chart with a single orange series showing price trends.
 - Label: Simple Line Series
- Shared Axis** (Icon: a line graph):
 - Thumbnail: A line chart with two series, orange and blue, sharing a common axis.
 - Label: Shared Axis

How to create a chart:

To create a chart, simply go to your **Dashboard > LCJS Charts > Add New**, and from there you can create a new chart. In that you must add html code and JavaScript code for creating chart. Also, user can set height and width to display the chart.



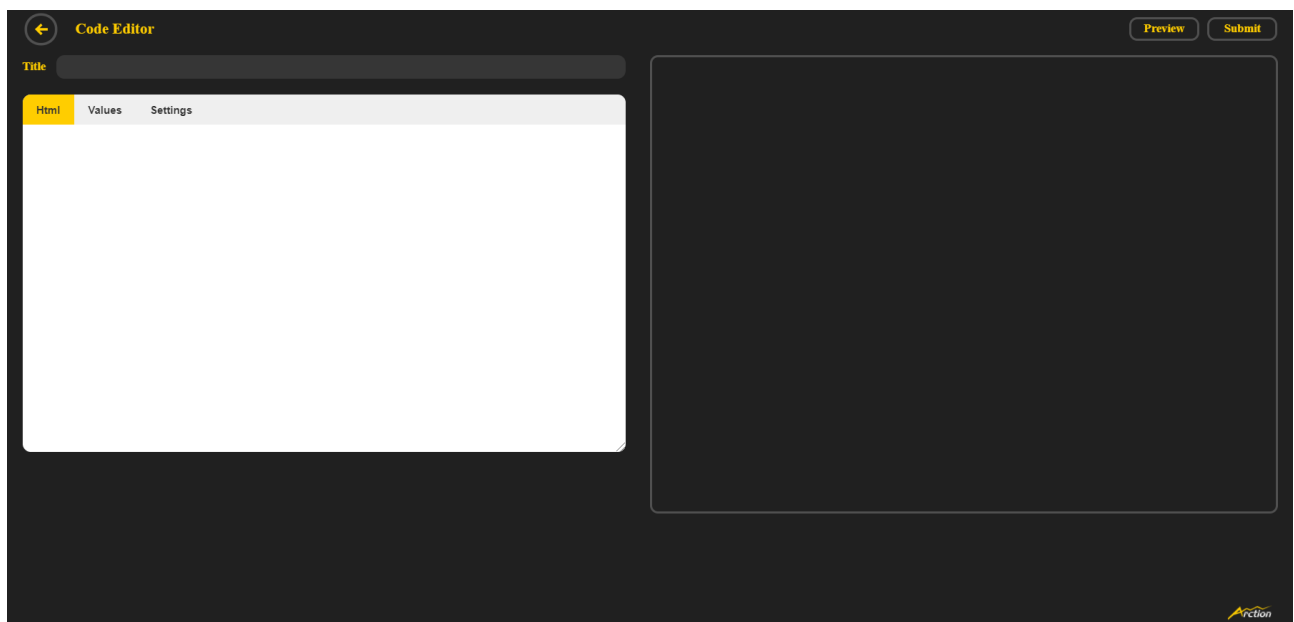
The screenshot shows the LightningChart dashboard. At the top, there's a header with the LightningChart logo and a tagline: "The highest-performance JavaScript charting library focusing on real-time data visualization". On the right, there are two buttons: "Chart Library" and "Add new" (highlighted with a red box). Below the header is a table listing existing charts.

SR No	Title	Shortcode	Created Date	Action
1	Bar Chart	[Lcjs_charts id=648]	2020-10-15 11:04:35	Edit Delete
2	dashboard chart-2	[Lcjs_charts id=631]	2020-10-14 07:16:38	Edit Delete
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7	3D chart-1	[Lcjs_charts id=595]	2020-10-05 14:23:42	Edit Delete
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9	Bar Chart	[Lcjs_charts id=577]	2020-09-28 06:08:53	Edit Delete
10	Dashboard-2	[Lcjs_charts id=576]	2020-09-28 05:49:25	Edit Delete

At the bottom left of the table, there are pagination controls: "1", "2", and a right arrow.

Code editor window:

Here you must add html code to create new chart.



The screenshot shows the Code Editor window. At the top, there's a "Code Editor" title bar with a back arrow and "Preview" and "Submit" buttons. Below the title bar, there's a "Title" input field. On the left, there's a tabbed interface with "Html", "Values", and "Settings" tabs. The "Html" tab is active, showing a large text area for editing HTML code. The "Values" and "Settings" tabs are also visible but not active. The main area on the right is a large, empty box for the chart preview.

Following are the ways to add data to the chart: -

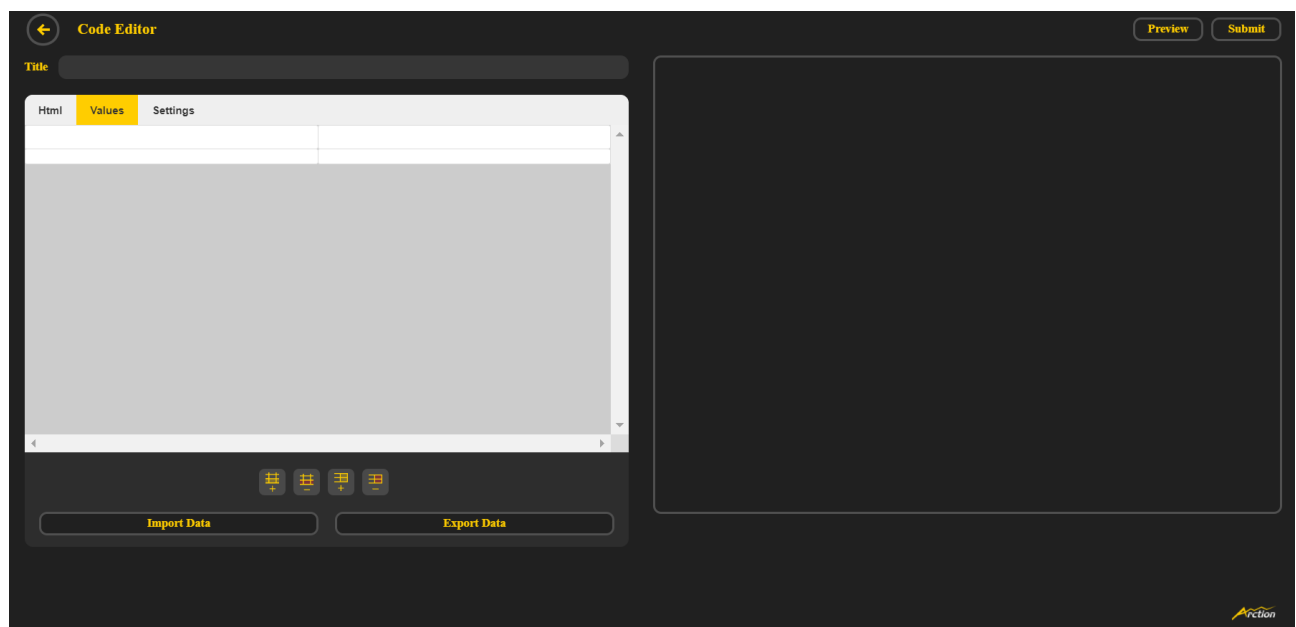
- **Using manual data: -**

User can add manual data for the chart in form of x and y coordinates or name and value pair format with the data grid table where you have options as follow: -

1. Add New Row
2. Delete Last Row
3. Add New Column
4. Delete Last Column

- **Using Import data: -**

If user want to pass large amount of data to the chart then by using **Import Data** option, user can upload a sample data file and able to pass large data.

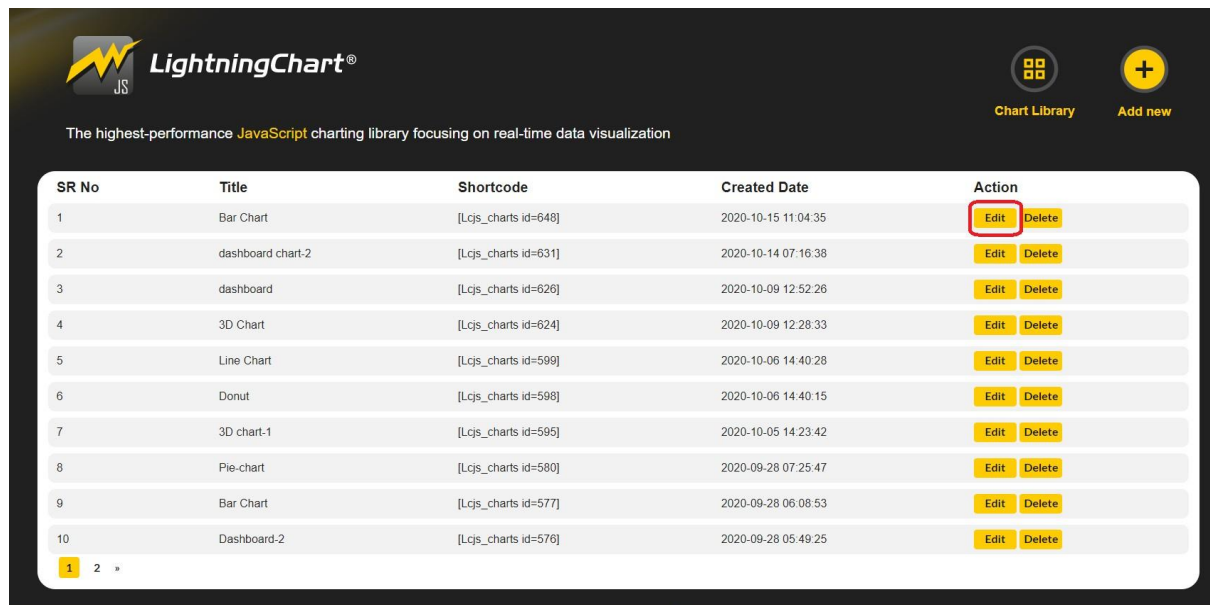


- **Export Data: -**

The sample data which is used in creating chart can be exported by using **Export Data** option, also user can edit the sample data by downloading the .csv file.

How to edit a chart:

If user wants to edit a chart, it is done by using the 'Edit' button in listing table.



The screenshot shows the LightningChart dashboard. At the top, there's a logo and the text "The highest-performance JavaScript charting library focusing on real-time data visualization". On the right, there are buttons for "Chart Library" and "Add new". Below this is a table listing various charts. The "Action" column for the first row has an "Edit" button highlighted with a red box.

SR No	Title	Shortcode	Created Date	Action
1	Bar Chart	[Lcjs_charts id=648]	2020-10-15 11:04:35	Edit Delete
2	dashboard chart-2	[Lcjs_charts id=631]	2020-10-14 07:16:38	Edit Delete
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9	Bar Chart	[Lcjs_charts id=577]	2020-09-28 06:08:53	Edit Delete
10	Dashboard-2	[Lcjs_charts id=576]	2020-09-28 05:49:25	Edit Delete

Preview a chart:

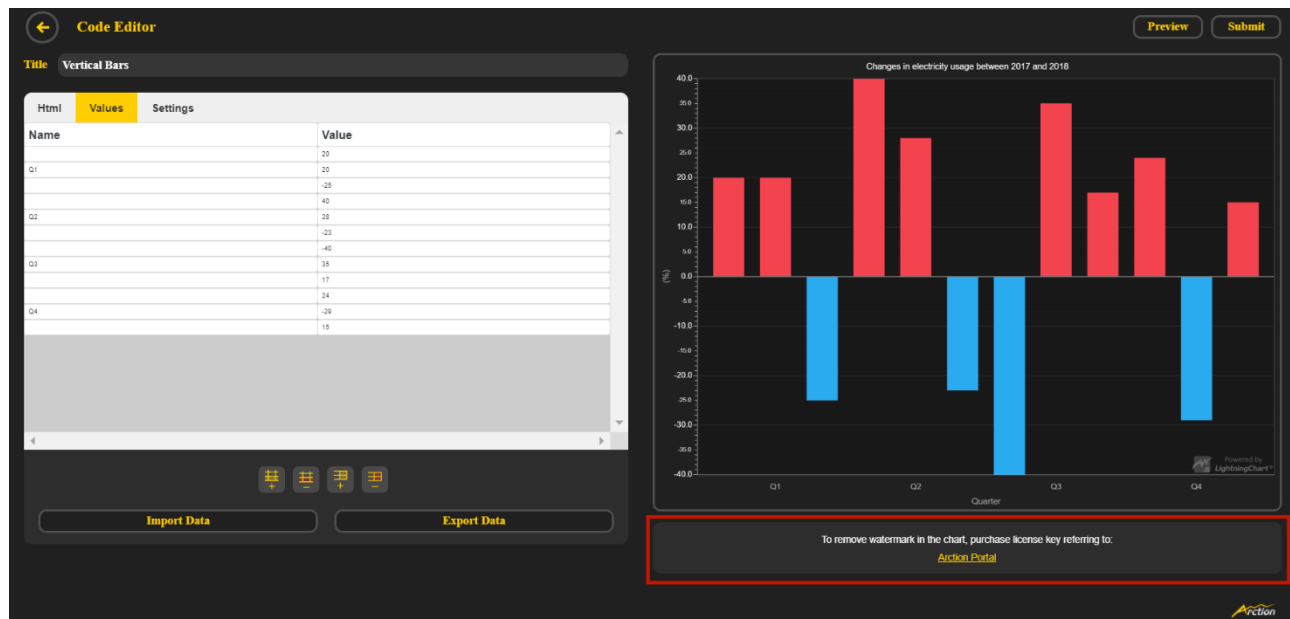
User can modify the code and able to see the changes which will reflect to the chart without submitting the code by using the 'Preview' button. So, it will be easy to see the new changes.



The screenshot shows the LightningChart Code Editor. On the left, there's a "Code Editor" section with tabs for "Html", "Values", and "Settings". The "Values" tab is active, showing a table with "Name" and "Value" columns. On the right, there's a "Preview" section showing a bar chart titled "Changes in electricity usage between 2017 and 2018". The "Preview" button is highlighted with a red box.

Name	Value
Q1	20
Q2	20
Q3	-25
Q4	40
Q1	28
Q2	-23
Q3	-48
Q4	35
Q1	17
Q2	24
Q3	-28
Q4	18

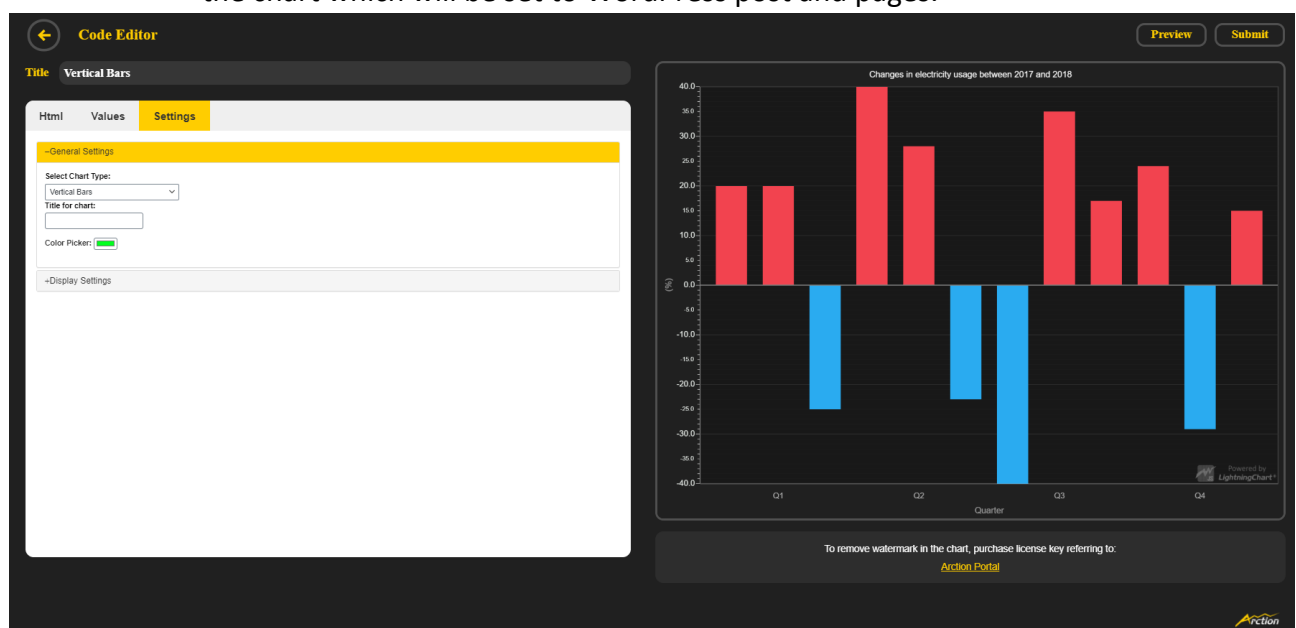
There is a Lightningchart watermark at right corner of the chart. If you want to remove it then you can visit below link and buy license.

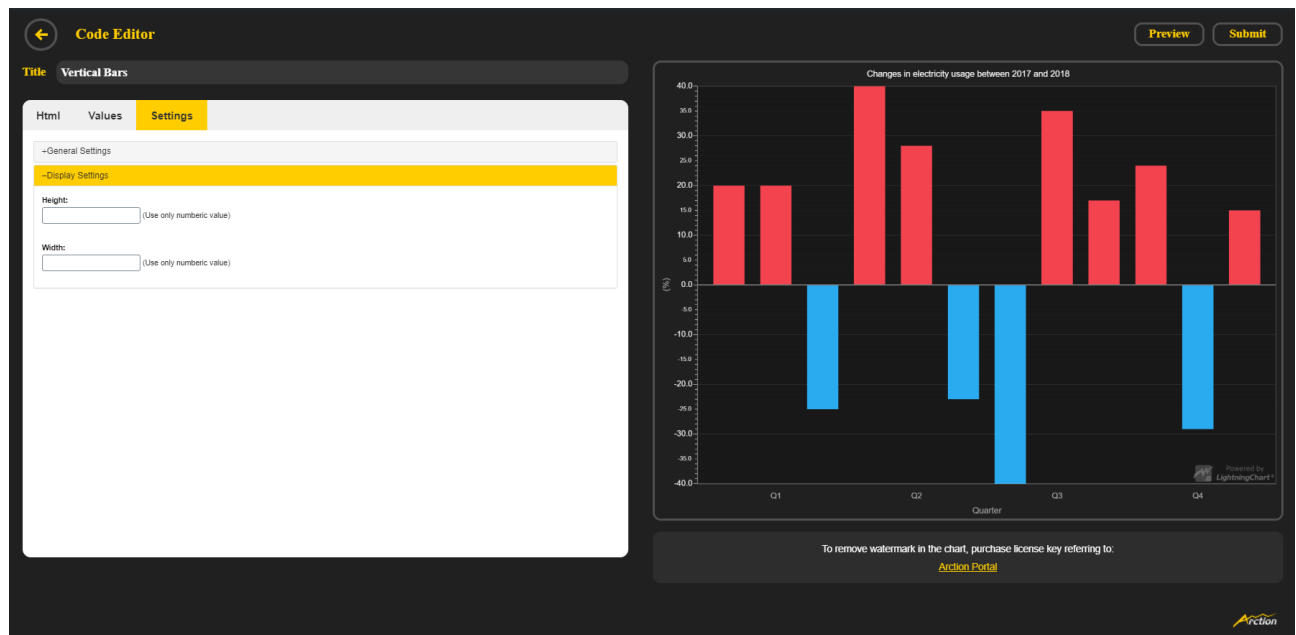


How to customize a chart:

In the Settings option user will get two options which are as follows:

- **General Settings:** -
By selecting the required chart type option in general settings, user can create chart of any category. Also, user can set the title for the new chart.
- **Display Settings:** -
In this option user can set height and width according to requirements for the chart which will be set to WordPress post and pages.





How to delete a chart:

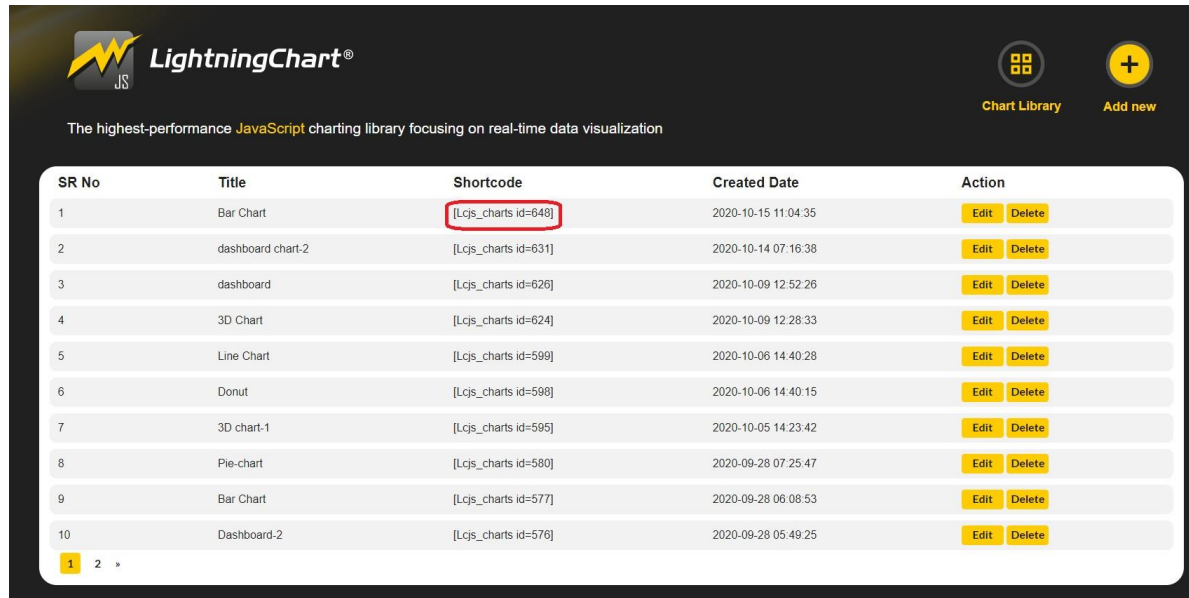
If user wants to delete a chart, it is done by using the 'Delete' button in listing view.

The screenshot shows the LightningChart Chart Library interface. It features a table with 10 rows of chart information. The 'Delete' button in the 'Action' column for the first row is highlighted with a red box.

SR No	Title	Shortcode	Created Date	Action
1	Bar Chart	[Lcjs_charts id=648]	2020-10-15 11:04:35	Edit Delete
2	dashboard chart-2	[Lcjs_charts id=631]	2020-10-14 07:16:38	Edit Delete
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9	Bar Chart	[Lcjs_charts id=577]	2020-09-28 06:08:53	Edit Delete
10	Dashboard-2	[Lcjs_charts id=576]	2020-09-28 05:49:25	Edit Delete

How to display the chart by using the ‘Shortcode’:

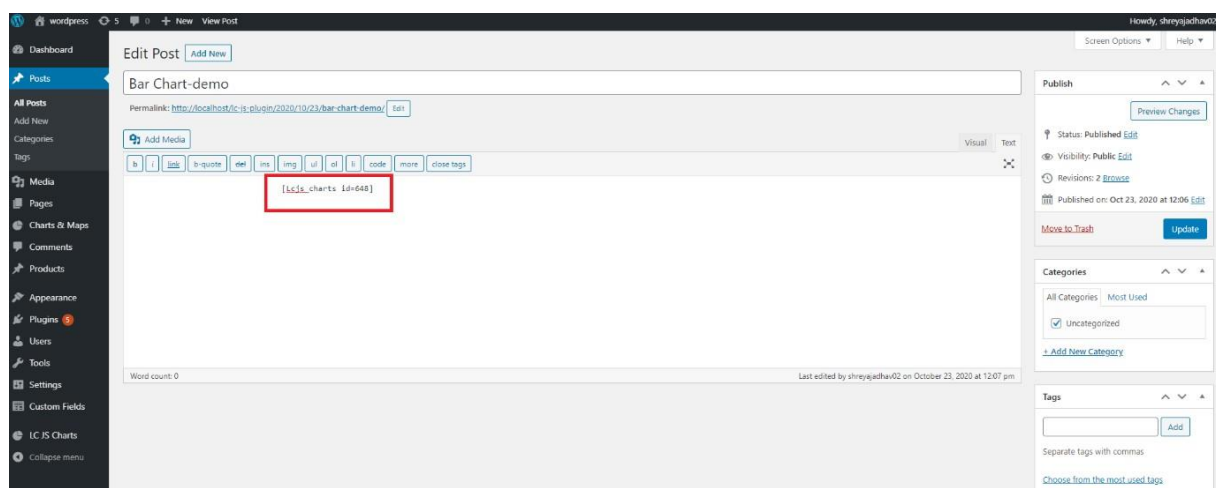
Shortcode is an easy way of displaying the charts created with LCJS Charts. After creating a chart, LCJS Charts automatically creates a **unique shortcode** for the chart and that shortcode can be used to display the chart on any post or page. Just add the shortcode to the new page/post and publish it.



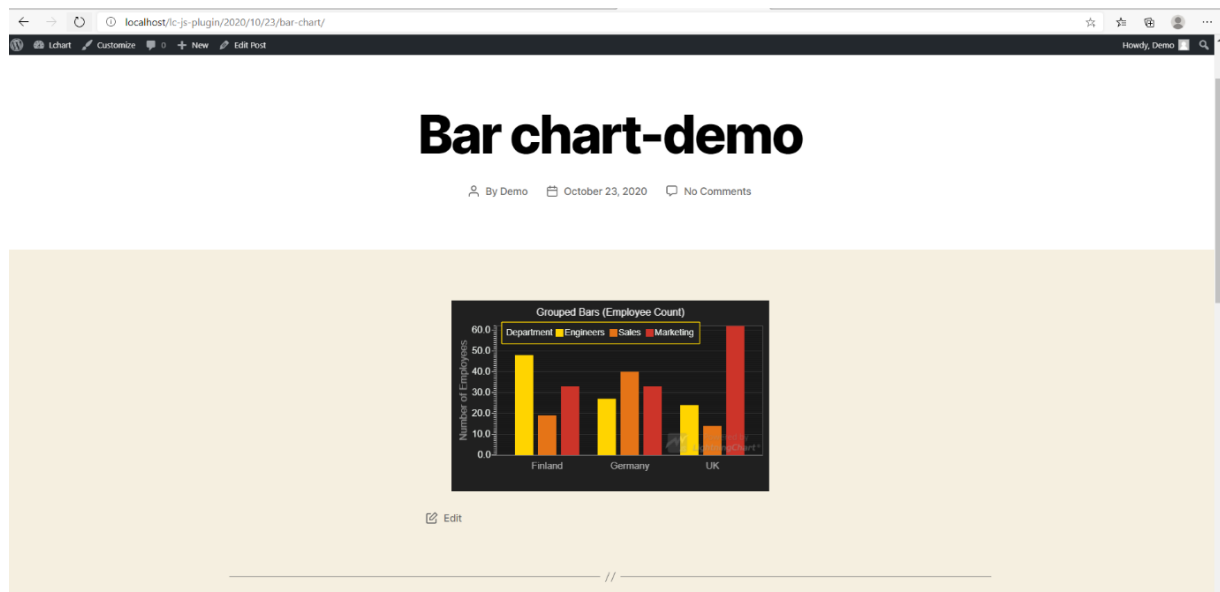
The screenshot shows the LightningChart dashboard. At the top, there's a logo and the text "The highest-performance JavaScript charting library focusing on real-time data visualization". On the right, there are buttons for "Chart Library" and "Add new". Below this is a table listing 10 charts. The "Shortcode" column for the first chart, "Bar Chart", has the value "[Lcjs_charts id=648]" highlighted with a red box.

SR No	Title	Shortcode	Created Date	Action
1	Bar Chart	[Lcjs_charts id=648]	2020-10-15 11:04:35	Edit Delete
2	dashboard chart-2	[Lcjs_charts id=631]	2020-10-14 07:16:38	Edit Delete
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10	Dashboard-2	[Lcjs_charts id=576]	2020-09-28 05:49:25	Edit Delete

User can add shortcode of chart to the new post/page and will be able to display chart on dashboard.



User can set height and width using Settings option of editor window and will be able to see on dashboard of WordPress.



Getting started video & Documentation PDF:

For viewing the 'Getting started' video and the Documentation PDF, just go to your

Dashboard > LCJS Charts > Resources, and you will find link leading to information about how to use LCJS plugin in PDF format which user can download as well as able to take printout. Also having a YouTube video on how to use plugin.

The highest-performance JavaScript charting library focusing on real-time data visualization

Resources

Documentation

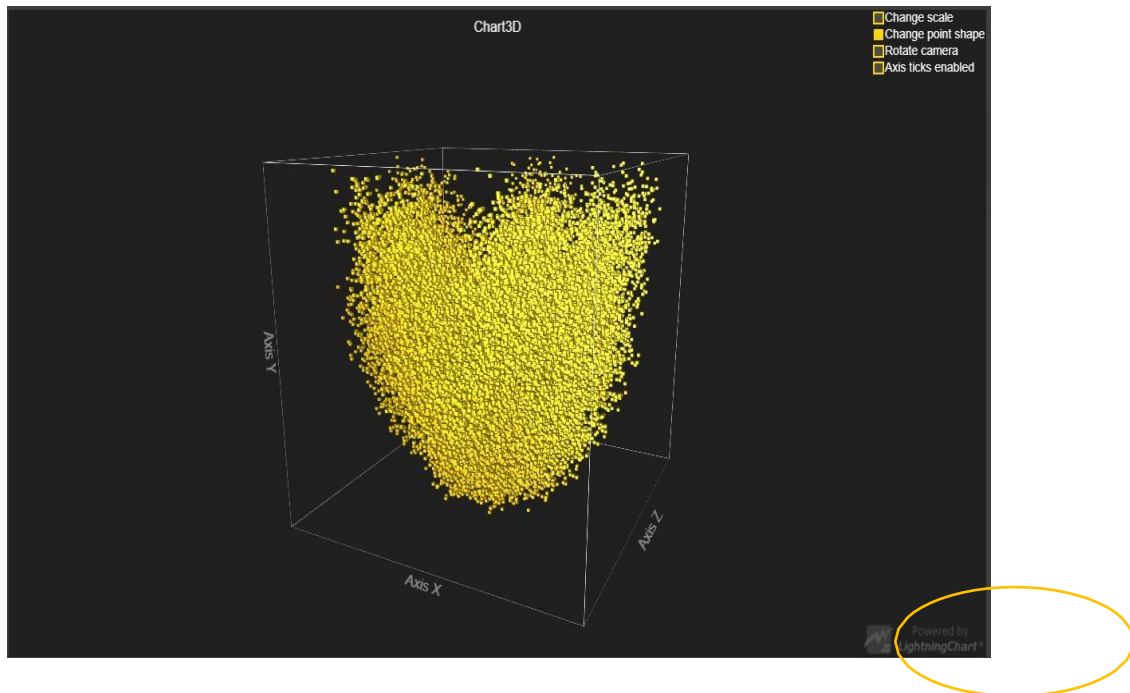
Getting started video

Action

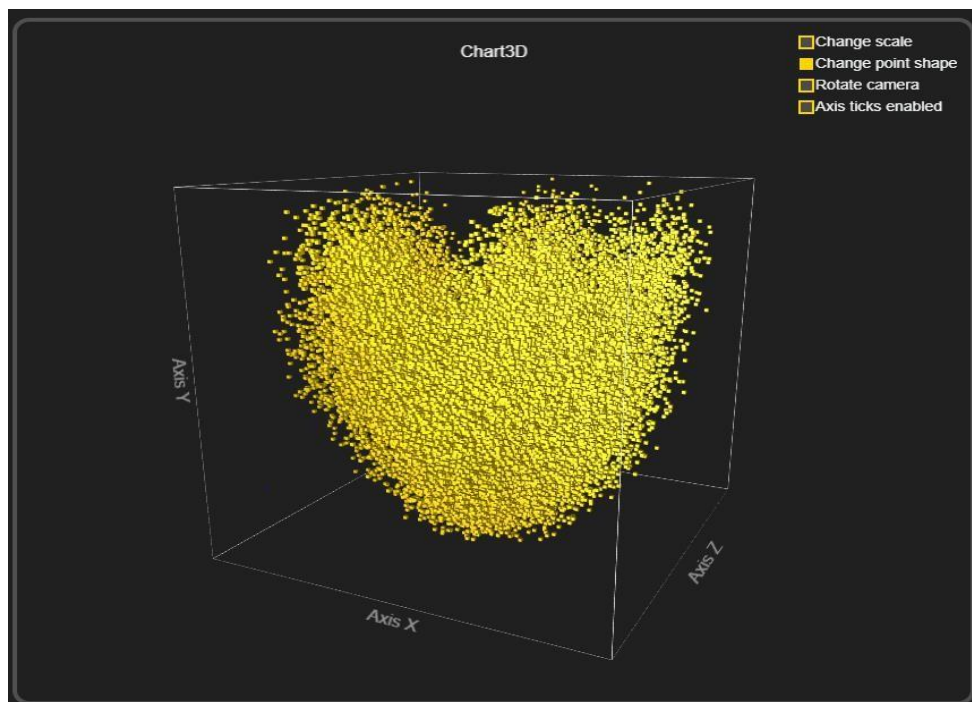
About the License Key:

1. If user has downloaded the free version of LCJS Charts plugin, then all charts include the LightningChart watermark at right bottom side of each chart.
2. If user has the paid version of LCJS Charts plugin, then by adding valid license key you can remove the LightningChart watermark for all charts.

Example 1: chart with watermark



Example 2: Chart without watermark



Setting the License Key:

1. To set the license key, go to your **Dashboard > LCJS Charts > License**, if you have paid version of LCJS chart plugin, you will have your own unique license key which you can add into the plugin.
2. After submitting a valid license key, it will configure the whole plugin and LightningChart watermark will be removed.
3. Also, user can update the license key by using the 'Edit' option

