

There are 2 components used to create charts.

Bar chart Component –

‘BarChartComponent’ is used to create bar chart of ratings for found restaurants in a specified location. In this component, ‘places service’ is called to get places in specified location and stored in array of object called ‘places’. This array is used as data source to plot bar chart. Bar chart has plotted using methods like `initSvg()`, `initAxis()`, `drawAxis()` and `drawbars()`. This component is called from parent component ‘ListOfPlacesComponent’.

Stack-Bar chart Component –

‘StackBarChartComponent’ is used to create stack-bar chart of Divvy available docks and bikes for selected restaurants on a specified location. In this component, ‘places service’ is called to get stations in specified location and stored in array of object called ‘bikes’. This array is used as data source to plot stack-bar chart. Bar chart has plotted using methods like `initMargins()`, `initSvg()` and `drawChart()`. This component is called from parent component ‘ListOfStationsComponent’.