

# Axis selection

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User can select the attribute he wants to visualize as x and y axis, so that he can configure is chart for him to analyze specific attributes' data.

### Jira Issues

type	key	summary	status	updated
<div style="border: 1px solid orange; padding: 10px;"> Jira project doesn't exist or you don't have permission to view it. <a href="#">View these issues in Jira</a></div>				

### Use-cases

#### Use-case n°1:

- **Given** the user can choose the attributes for the x and y axes of the bar chart
- **When** the user selects only one of the attributes for the x axis and/or one or several attributes for the y axis of the chart in the configuration
- **Then** the chart immediately updates:
  - the bar size according to the values of the attributes
  - the x axis values
  - the scale according to the maximum values displayed
  - the y attribute name(s) in the legend

#### Use-case n°2:

- **Given** the user can choose the attributes for the x and y axes of the scatter plot
- **When** the user selects only one of the attributes for the x axis and/or one or several attributes for the y axis of the plot in the configuration
- **Then** the plot immediately updates:
  - the distribution according to the values of the attributes
  - the x axis values
  - the scale according to the min and max values displayed
  - the y attribute name(s) in the legend

### Future improvements

- Attributes grouped by categories so that they will be easier to find
- Customization of the legend
- Visualization of the x-axis title
- Visualization of the values above the bars