



Subject: **Construction Management and
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Topic: 02

3.5 বার চার্ট এর সীমাবদ্ধতা ও দূরীকরণের উপায় (Bar chart and its short-coming and remedies.)

What is a Bar Chart?

A bar chart is a way of summarizing a set of categorical data.

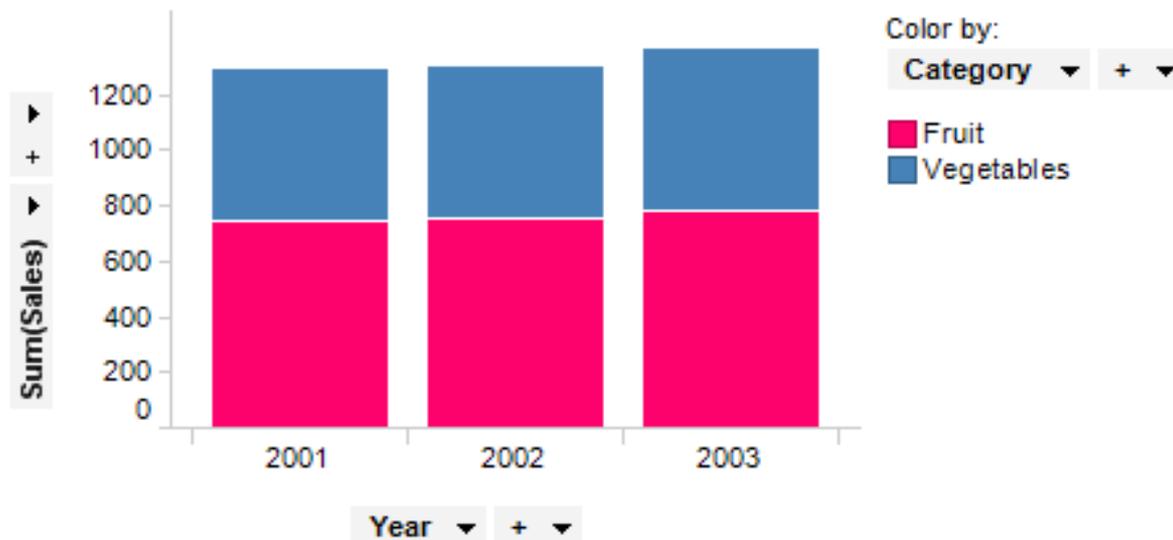
The bar chart displays data using a number of bars, each representing a particular category. The height of each bar is proportional to a specific aggregation.

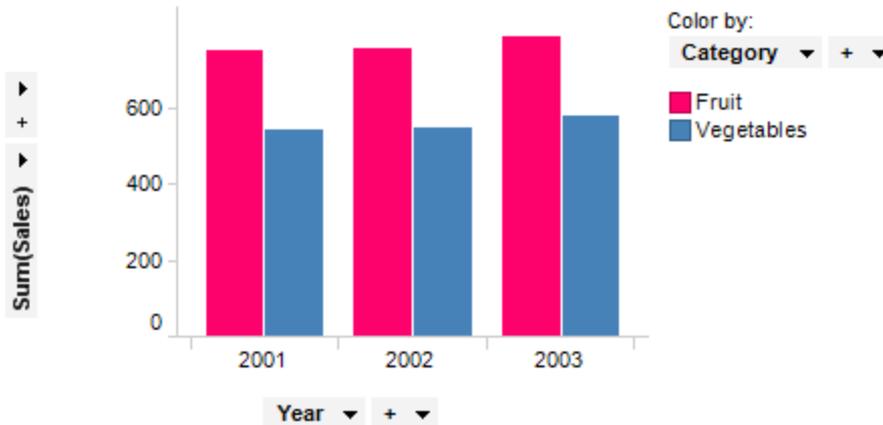
The categories could be something like an age group or a geographical location. It is also possible to color or split each bar into another categorical column in the data, which enables you to see the contribution from different categories to each bar or group of bars in the bar chart.

Example:

The bar chart below shows the total sum of sales for fruits and vegetables over three years.

The bars are colored by the Category column, which contains two values: Fruit and Vegetables. You can also view these color categories side-by-side as in the bar chart below. Right-click in the visualization and select Side-by-Side Bars from the pop-up menu to get this appearance.





Limitations of Bar Chart:

1. Readers can make comparisons of arbitrary data segments quickly on a bar chart, but are not able to compare two slices that are not neighbors at once.
2. Bar graph are less effective then line graph when trying to show trends over a course of time.

সীমাবদ্ধতা দূরীকরণের উপায়:

1. Draw Milestone Chart
2. Draw line on half area of every progress line of bar chart
3. Draw a modified bar chart instead of ordinary bar chart.



Thank You All.

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