



Points	Discrete Data	Continuous Data	
<p>Meaning</p>	<p>Discrete data has clear spaces between values.</p>	<p>Continuous data falls on a continuous sequence.</p>	
<p>Can you count the data?</p>	<p>Yes, data is usually units counted in whole numbers.</p>	<p>Generally, NO</p>	
<p>Can you measure the data?</p>	<p>NO</p>	<p>YES</p>	
<p>Values</p>	<p>It has a finite number of possible values. The values cannot be divided into smaller pieces and add additional meaning.</p>	<p>It has an infinite number of possible values within an interval. The values can be subdivided into smaller and smaller pieces.</p>	
<p>Graphical Representation</p>	<p>Bar Chart</p>	<p>Histogram</p>	
<p>Examples</p>	<ul style="list-style-type: none"> • The number of students in a class. • The number of workers in a company. • The number of parts damaged during transportation. • Shoe sizes. • Number of languages an individual speaks. • The number of home runs in a baseball game. • The number of test questions you answered correctly. 	<ul style="list-style-type: none"> • The amount of time required to complete a project. • The height of children. • The amount of time it takes to sell shoes. • The amount of rain, in inches, that falls in a storm. • The square footage of a two-bedroom house. • The weight of a truck. • The speed of cars. • Time to wake up. 	