

Points	Discrete Data	Continuous Data	
Meaning	Discrete data has clear spaces between values.	Continuous data falls on a continuous sequence.	
Can you count the data?	Yes, data is usually units counted in whole numbers.	Generally, NO	
Can you measure the data?	NO	YES	
Values	It has a finite number of possible values. The values cannot be divided into smaller pieces and add additional meaning.	It has an infinite number of possible values within an interval. The values can be subdivided into smaller and smaller pieces.	
Graphical Representation	Bar Chart	Histogram	
Examples	<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. 	 