

Distinguish, differentiate, compare and explain what is the difference between Discrete and Continuous Data. Comparison and Differences.

Difference between Discrete and Continuous Data

S.No.	Discrete Data	Continuous Data
1	A set of data is said to be discrete if the values belonging to the set are distinct and separate.	A set of data is said to be continuous if the values belonging to the set can take on any value within a finite or infinite interval.
2	Refers to data with well-defined boundaries or in otherwise empty space.	Values are distributed across a surface without interruption.
3	Can take on only integer values.	Can take on any value.
4	Can be counted.	Can be measured.
5	Can be represented in the form of digital signal.	Can be represented in the form of an analog signal.
6	There is nothing in between	There is always something in between.