

data set

A collection S of values s_1, \dots, s_n . A data set is different from a mathematical set, because it may contain the same value multiple times, i.e. $s_i = s_j$ where $i \neq j$ is possible. In mathematical terms, a data set is vector. When a data set contains values describing some quantifiable property of a set of *specimens* or the *outcomes* of an experiment, it is called a *sample*.