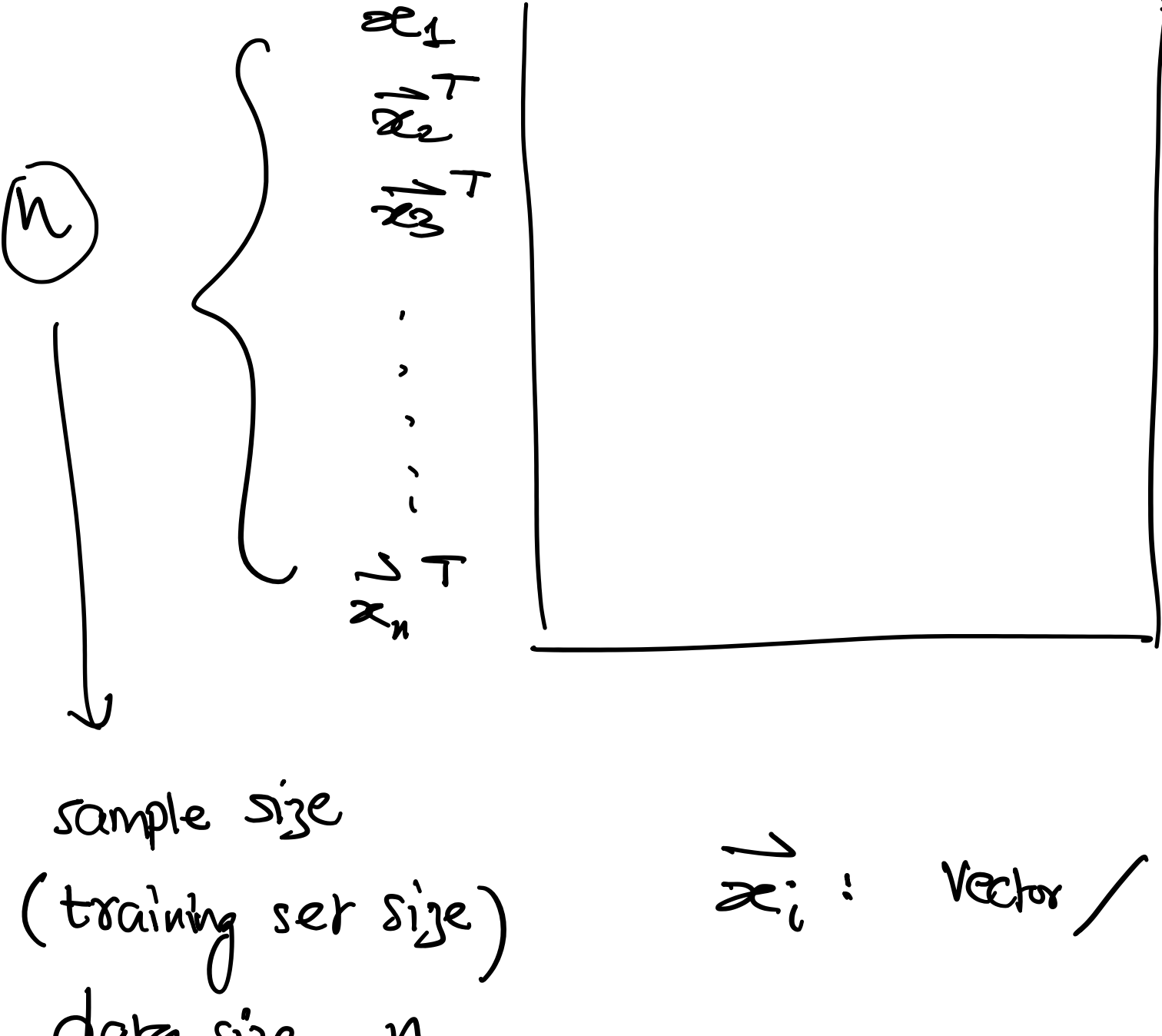
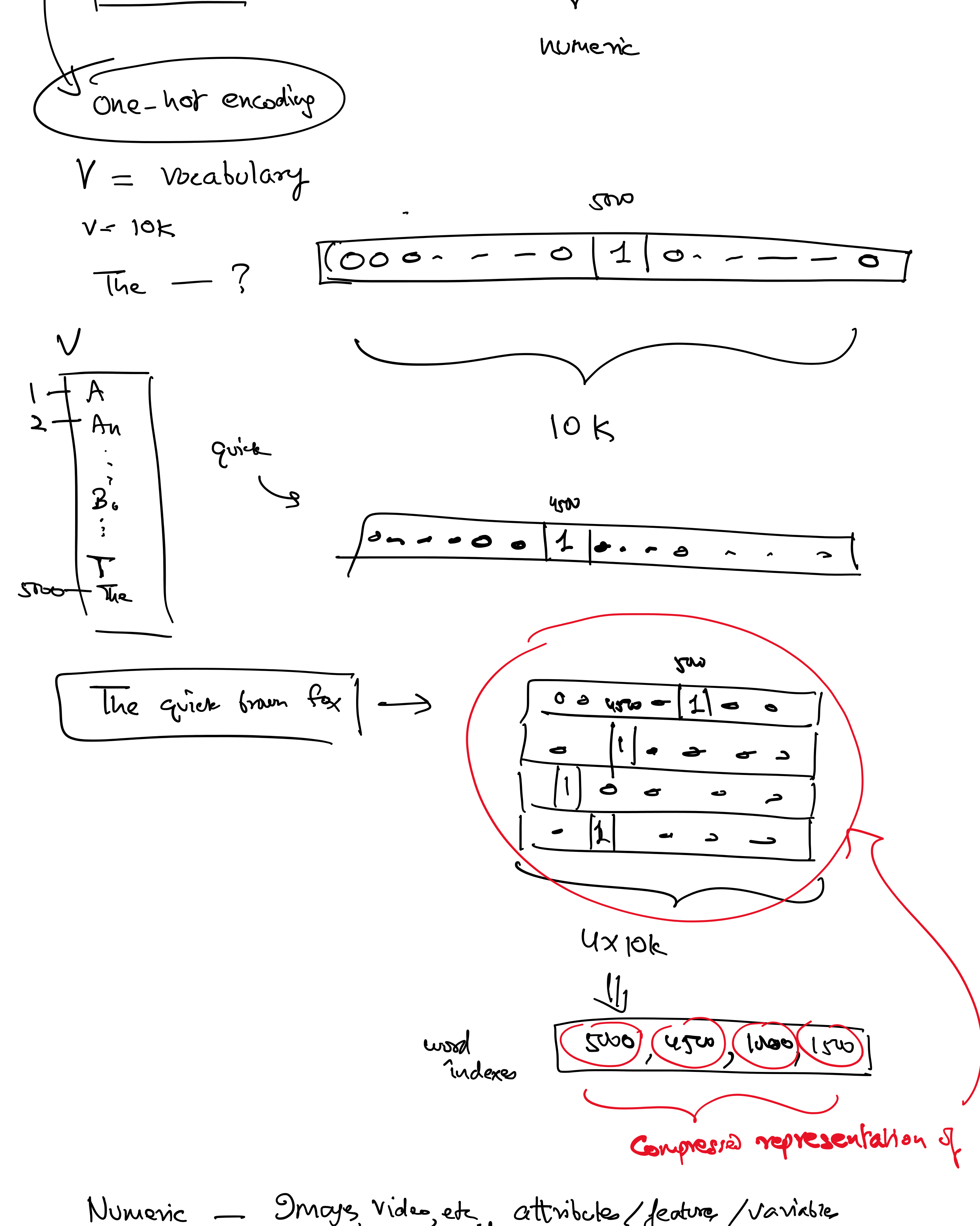
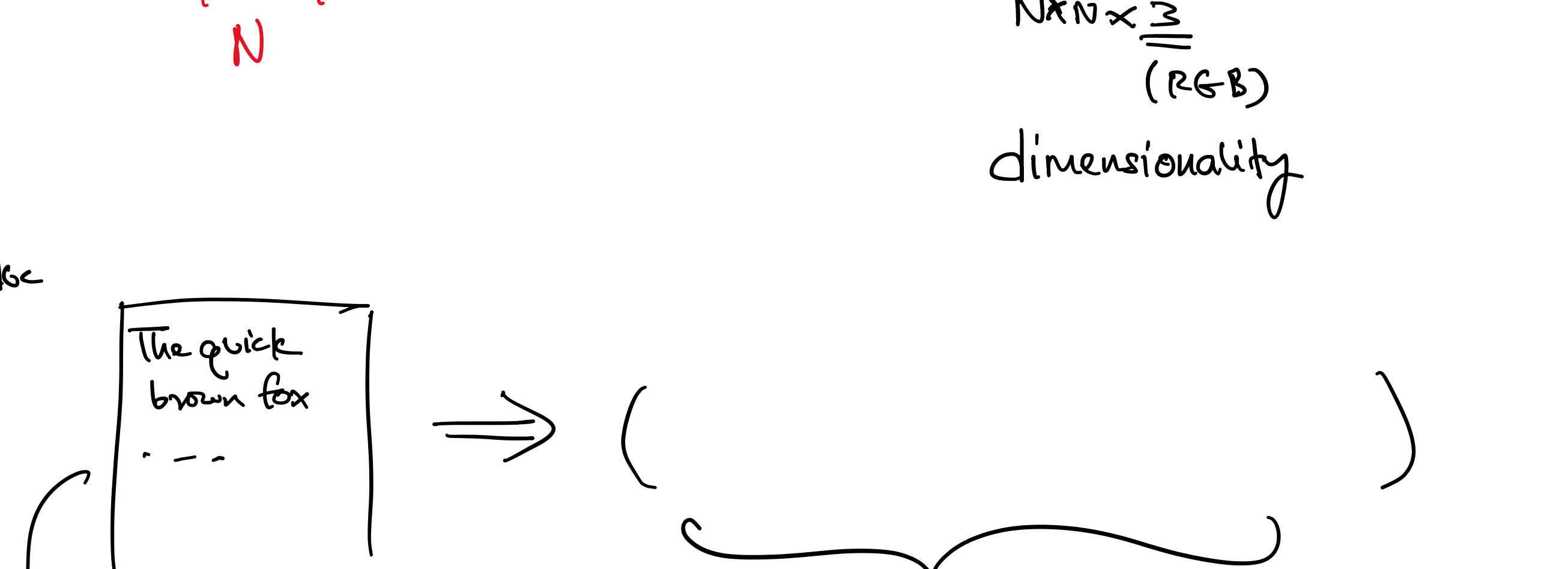


Data Matrix



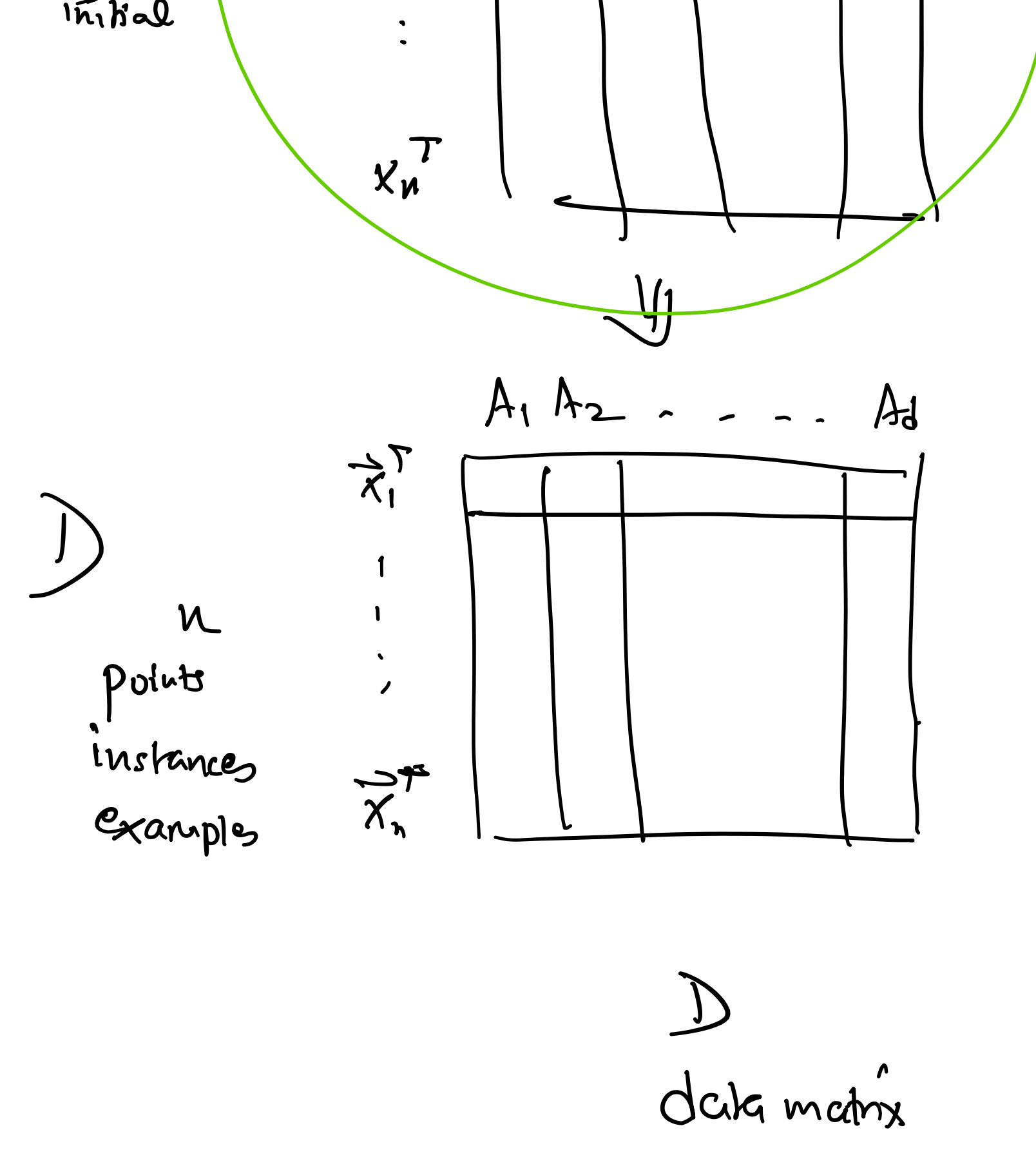
sample size
(training set size)
data size n

\vec{x}_i : vector / feature vector



Numeric — Images, video, etc., attributes / feature / variable

Categorical / symbolic — text



data x_i = vector

$d \equiv$ dimensionality

images $d = N \times N \times 3$

A : attribute
Variable
(random variables)

d : # of attributes

n : # of instances

