What is a Vector?

Words as Points in 2D Space

Dimension 2: Furniture? (0=No, 1=Yes)

mat
rug
cat
dog

Dimension 1: Animal? (0=No, 1=Yes)
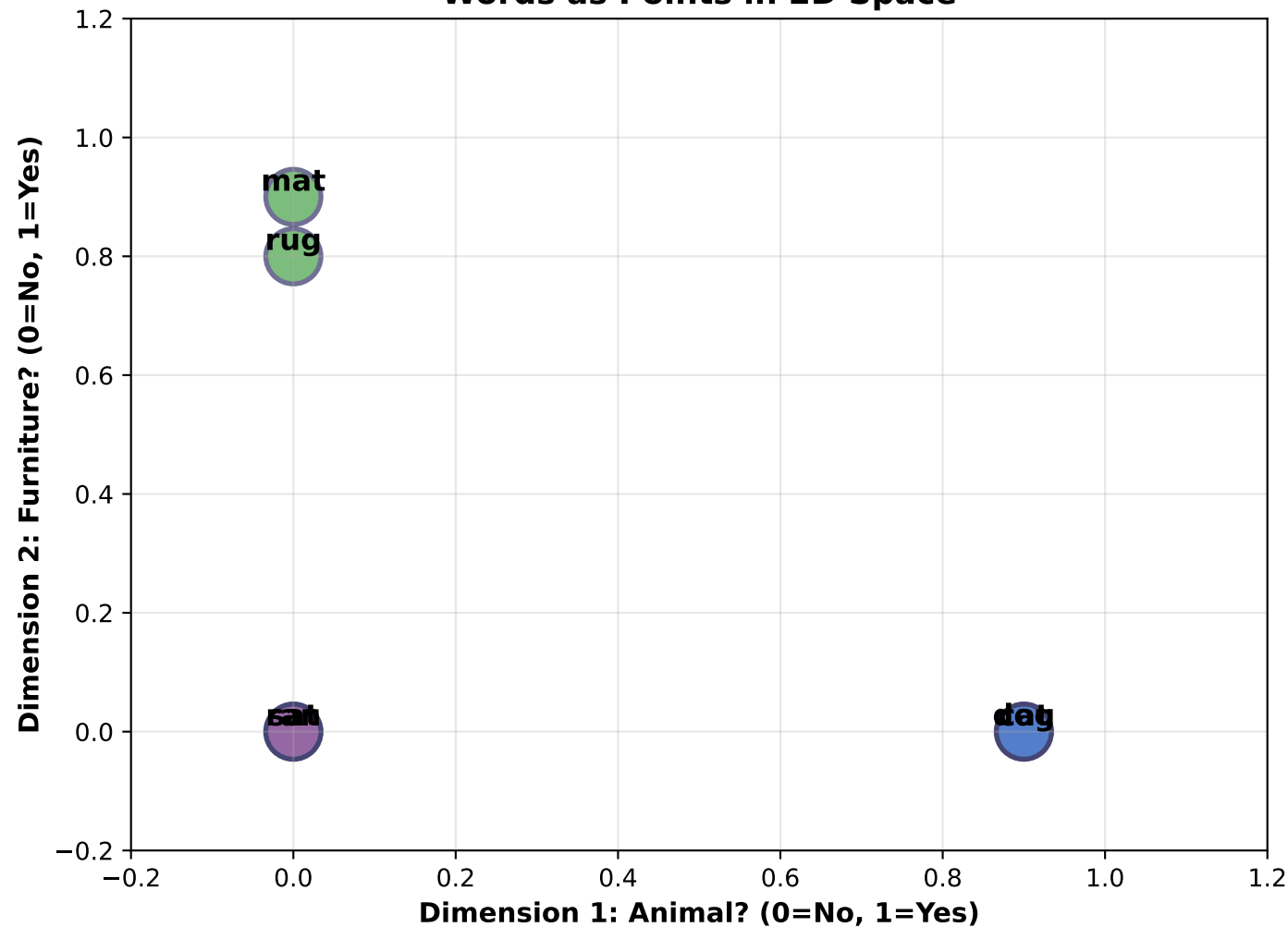
Vector = List of Numbers

"cat" = [0.9, 0.1, 0.0, 0.0, 0.0, 0.0, 0.2, 0.1]

Animal?:	0.9
Object?:	0.1
Action?:	0.0
State?:	0.0
Furniture?:	0.0
Location?:	0.0
Grammar1:	0.2
Grammar2:	0.1

A vector is just a LIST of numbers!
Each number captures one aspect of meaning.