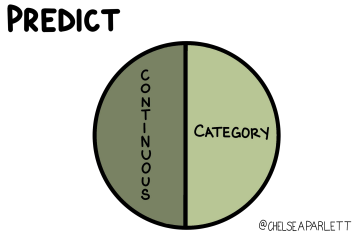
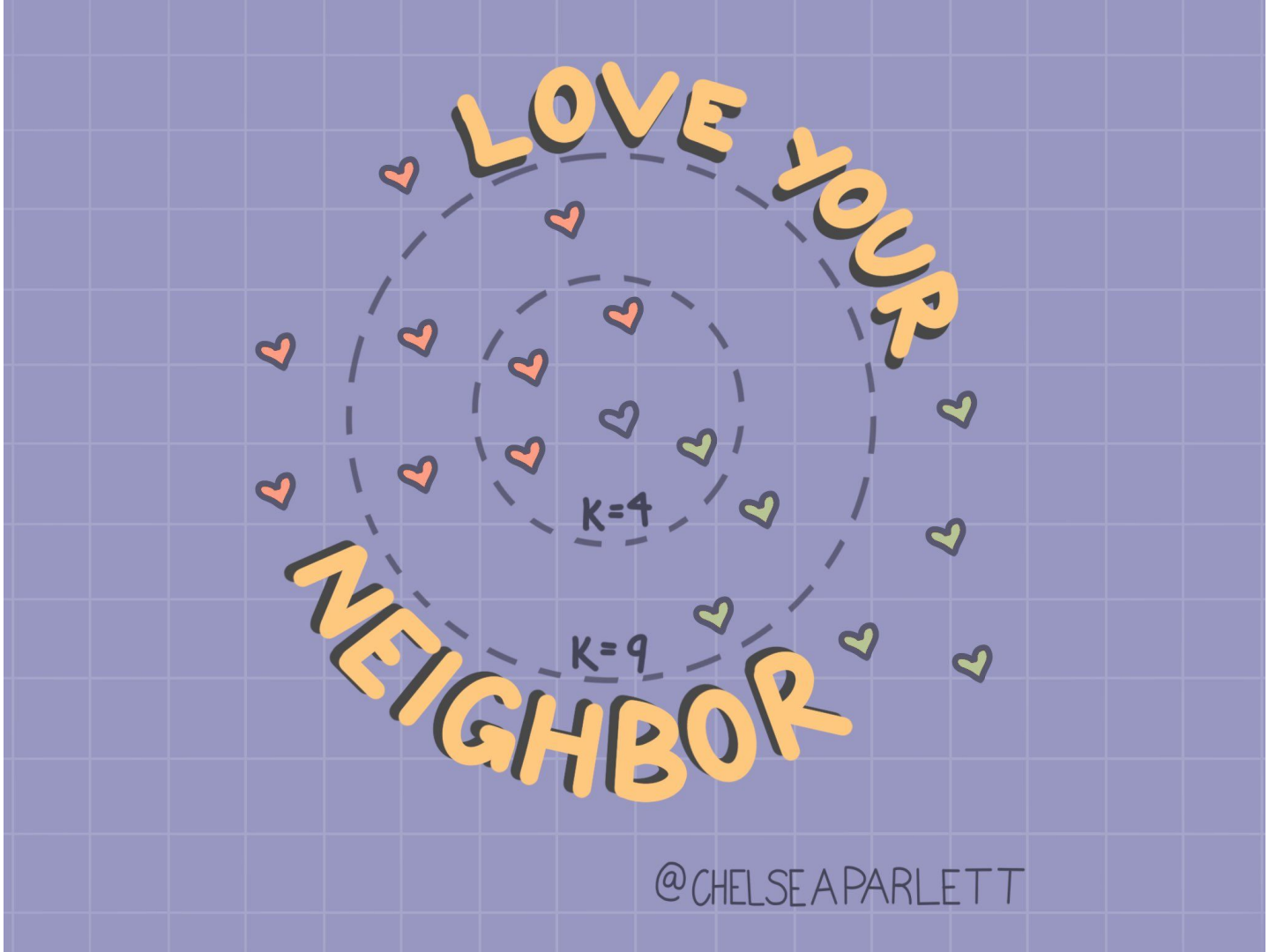
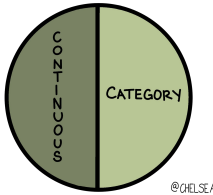


K-Nearest Neighbors

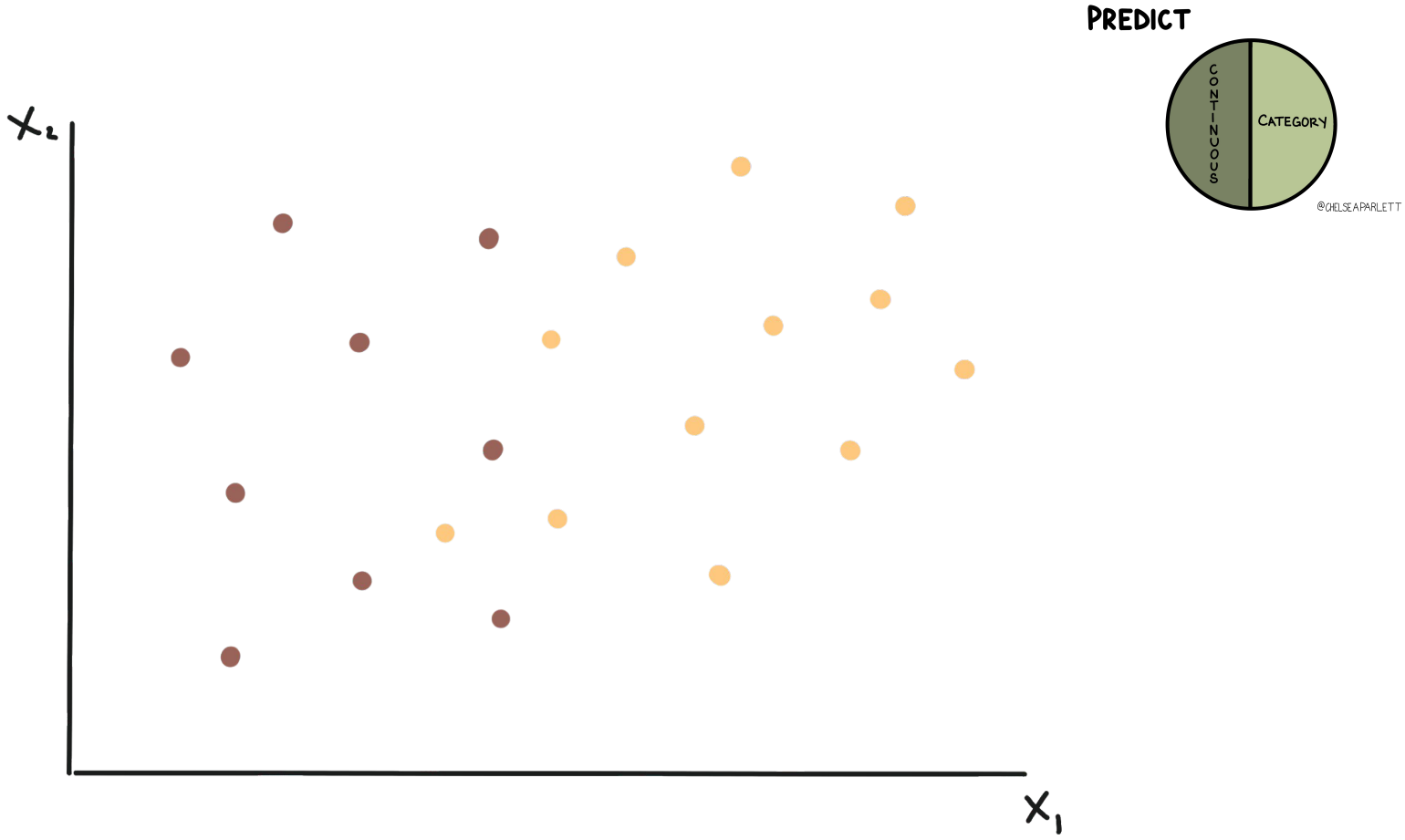
Chelsea Parlett-Pelleriti

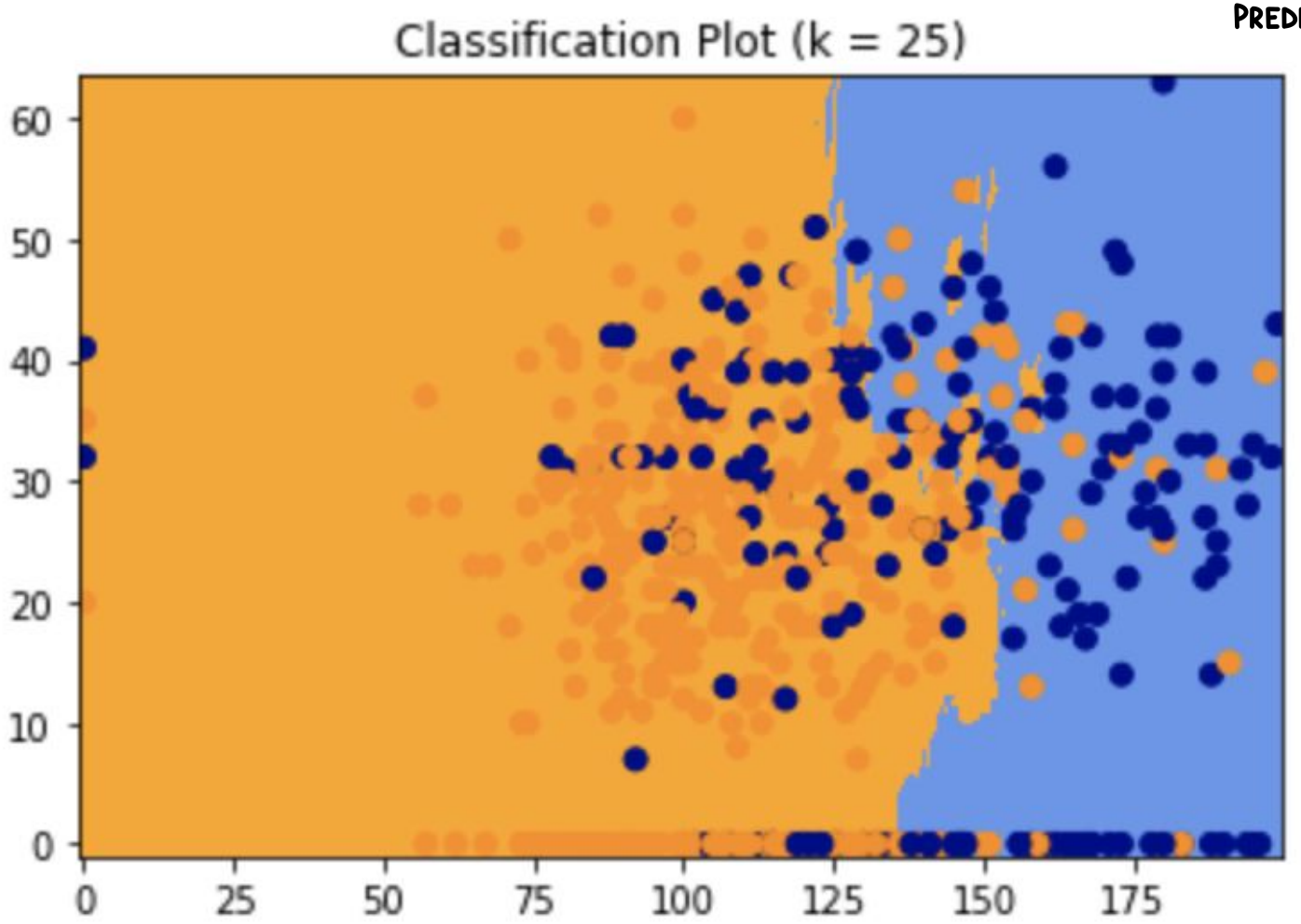


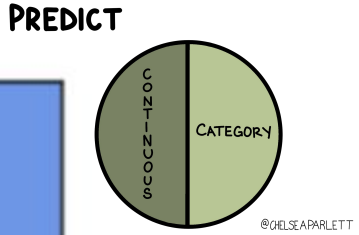
PREDICT



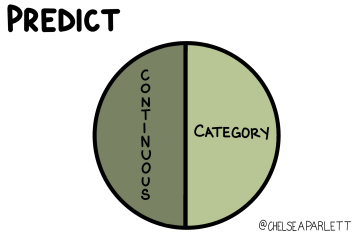
@CHELSEAPARLETT


PREDICT
CONTINUOUS
CATEGORY
@CHELSEAPARLETT
X_2
X_1


Classification Plot (k = 25)
60
50
40
30
20
10
0
0
25
50
75
100
125
150
175

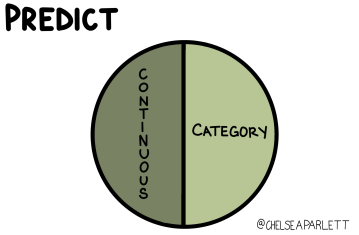

PREDICT
CONTINUOUS
CATEGORY
@CHELSEAPARLETT

Train-Validation-Test



What k should I use🤷‍♀️

- Choose yourself
- Let the data decide

Train-Validation-Test

What k should I use🤷‍♀️