

# How did it do that ?

STEP 1: Choose the number  $K$  of neighbors



STEP 2: Take the  $K$  nearest neighbors of the new data point, according to the Euclidean distance



STEP 3: Among these  $K$  neighbors, count the number of data points in each category



STEP 4: Assign the new data point to the category where you counted the most neighbors



Your Model is Ready