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1) Start with dataset with known categories
2) Cluster data
       Ly k-Means } Partitioning - divide data into non-overlapping

→ K-Medoids | Clustering clusters
3) Add new data with unknown category to plot
4) classify unknown cell by looking at nearest neighbour.
       Lif k = 1 : Consider nearest neighbour
          if k = 11 : consider nearest 11 neighbours
                                  Take the most count - eg - 3 armye
 * if equal vote: flip coin to decide eategory
   Determining ideal value for K:

Need to perform hyperparameters tuning to get Ideal value
          by Test with known labelled data & choose when
             accuracy is the highest
```

K - Nearest Neighbours