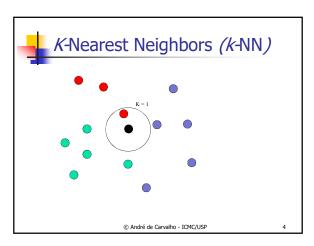


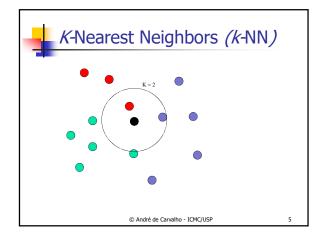
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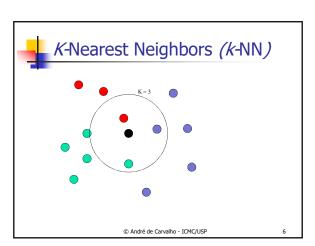
K-Nearest Neighbors (*k*-NN)

- Learning is just a matter of finding the k
 most similar (closest) known data points
 and pick the most popular class among
 them
 - A distance metric is necessary to define the "closeness" among data points

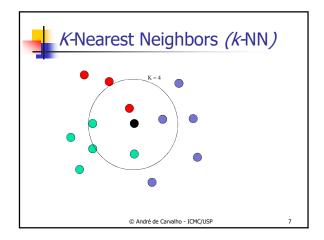
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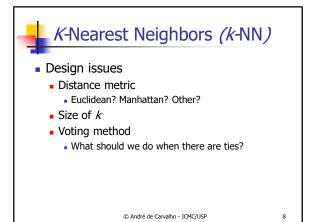






Timos Sellis





Timos Sellis 2