1/1/1
KNIN .
Jinding the k neavest neighbors of 9.
Distance Metric:-
To determine closeness, k-NN uses a
distance metric.
1) Euclidean Distance:
$d(x_i, q) = \sqrt{\frac{2}{2}(x_i^2 - q_i^2)^2}$
2) Manhattein Distance:
$d(n_i, q) = \underbrace{Z(n_{ij} - q_{j})}_{j=1}$
3) Minkowski Dislame.
$d(x_i, q) = (\frac{2}{5} x_i - 2i ^p)/p$
-> jor P=2, ip secomes Éucuidean distance
Jor P=1, it becomes Monnautan distance.
Passification with K-NN
1) Finding Neighbors.
· Compute une distance d(x, q) jor au
data points in une dataset

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