





























1-Nearest Neighbor
• Articles
$$\chi = \{x^1, ..., x^N\}$$
, $x \in \mathbb{R}^d$
• Query: χ
• 1-NN
• Goal: find article in χ "closest" to χ
• Goal: find article in χ "closest" to χ
• Formulation: \mathcal{A} need distance metric
• Formulation: $d(u, v)$
 $\chi^{NN} = \arg \min d(x^i, \chi)$
 $\chi^* \in \chi$





































































