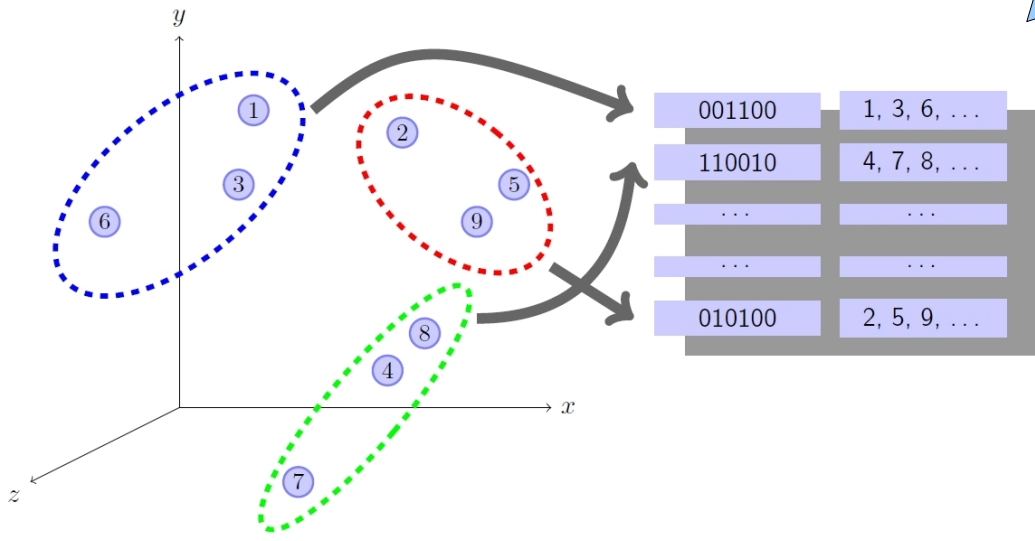
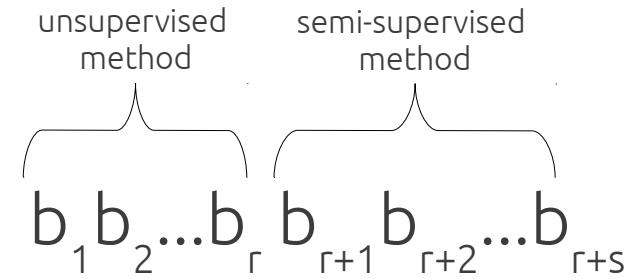


Augmented Hashing for Semi-Supervised Scenarios

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augment the codewords obtained by an unsupervised method

for each column of the coding matrix: train a semi-supervised classifier using the label information

codewords



form the (data-dependent) error correcting output coding matrix

$$M = \begin{matrix} \begin{matrix} 1 & 1 & 1 & -1 & -1 & -1 \\ 1 & -1 & -1 & 1 & 1 & -1 \\ -1 & 1 & -1 & 1 & -1 & 1 \\ -1 & -1 & 1 & -1 & 1 & 1 \end{matrix} \\ \text{classes} \end{matrix}$$