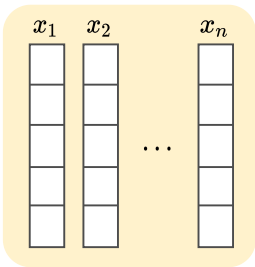


$$\mathcal{C} = \{a_1, a_2, \dots, a_n\}$$

$$\mathcal{P} = \{P_1, P_2, P_3\}$$



$$x_i \in \mathbb{R}^m$$

