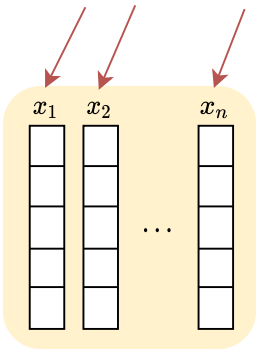


$$\mathcal{C} = \{a_1, a_2, \dots, a_n\}$$



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

