

Dirty Dataset D

	Name	Gender	Depart.	Age	Working Years
t_1	Nancy	F	Sales	24	2
t_2	Amy		Finance	42	10
t_3	Lei	M		35	
t_4	Lily	F	Market		8
t_5	James	M	Sales	38	2
t_6	Tom	M		36	6

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	Name	Gender	Depart.	Age	Working Years	
c_1	Nancy	F	Sales	24	2	t_1
c_2	Lei	M		35		t_3
c_3	Lily	F	Market		8	t_4

$$\gamma(1) = 1 \quad \gamma(2) = 3 \quad \gamma(3) = 4$$

(a) An example of dataset with missing values and a coreset

1^{st} possible world

t_1	F	Sales	24	2
t_2	F	Finance	42	10
t_3	M	Sales	35	1
t_4	F	Market	45	8
t_5	M	Sales	38	2
t_6	M	Market	36	6

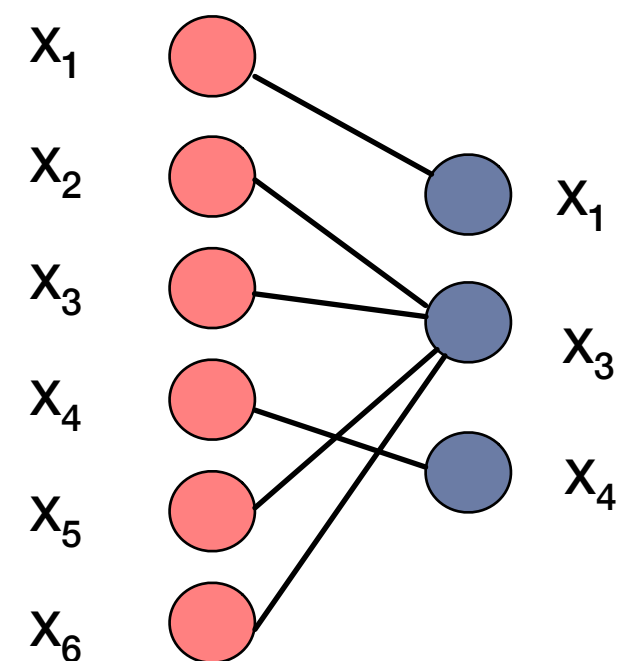
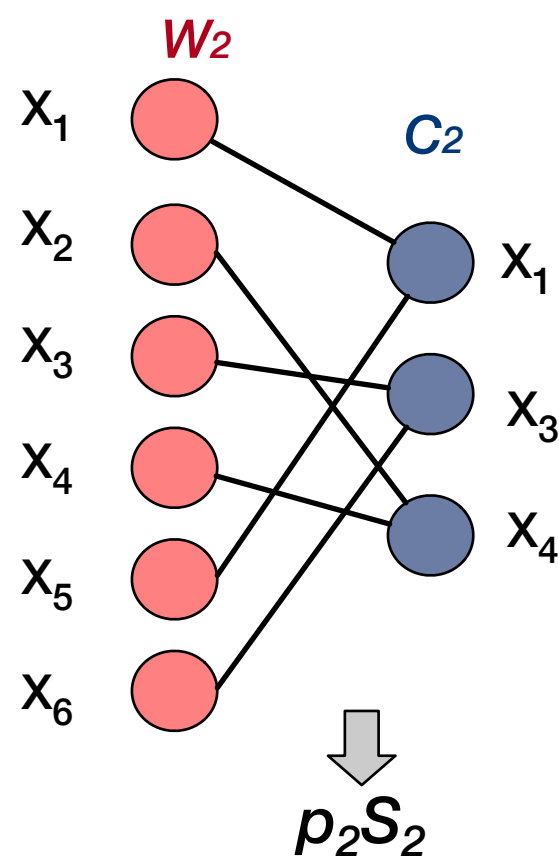
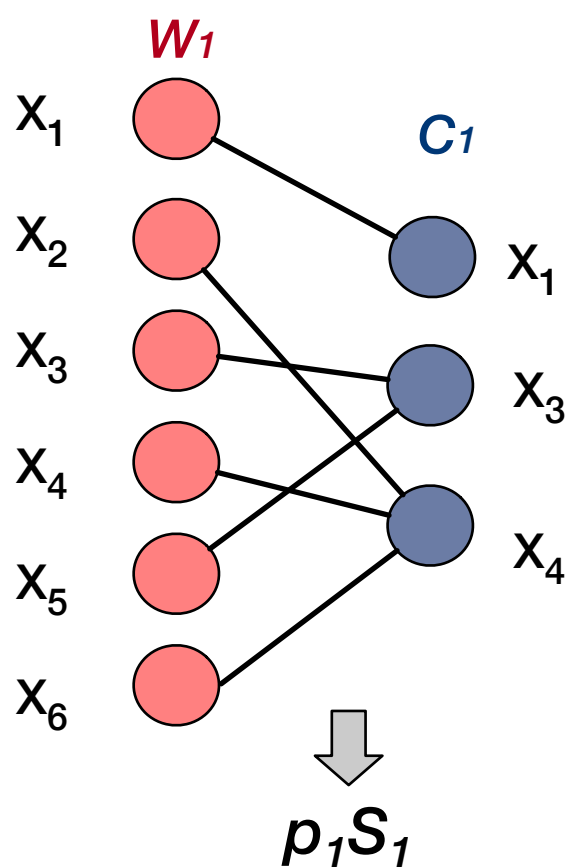
2^{nd} possible world

t_1	F	Sales	24	2
t_2	F	Finance	42	10
t_3	M	Market	35	10
t_4	F	Market	45	8
t_5	M	Sales	38	2
t_6	M	Market	36	6

$32,000^{th}$ possible world

t_1	F	Sales	24	2
t_2	M	Finance	42	10
t_3	M	Finance	35	5
t_4	F	Market	25	8
t_5	M	Sales	38	2
t_6	M	Sales	36	6

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(b) An example of the possible worlds