

$$\begin{aligned} P_{11} &= 1, P_{12} &= 2\\ \text{Since, } 1^{\text{st}} \text{ instance of View-1}\\ \text{is data instance 1. Similarly,}\\ P_{21} &= 2, P_{22} &= 3 \end{aligned}$$

 $P_{31} = 1, P_{32} = 2, P_{33} = 3$ 

 $P(1) = \{ (1,1), (3,1) \}$   $P(2) = \{ (1,2), (2,1), (3,2) \}$   $P(3) = \{ (2,2), (3,3) \}$ (Inverse Mappings)