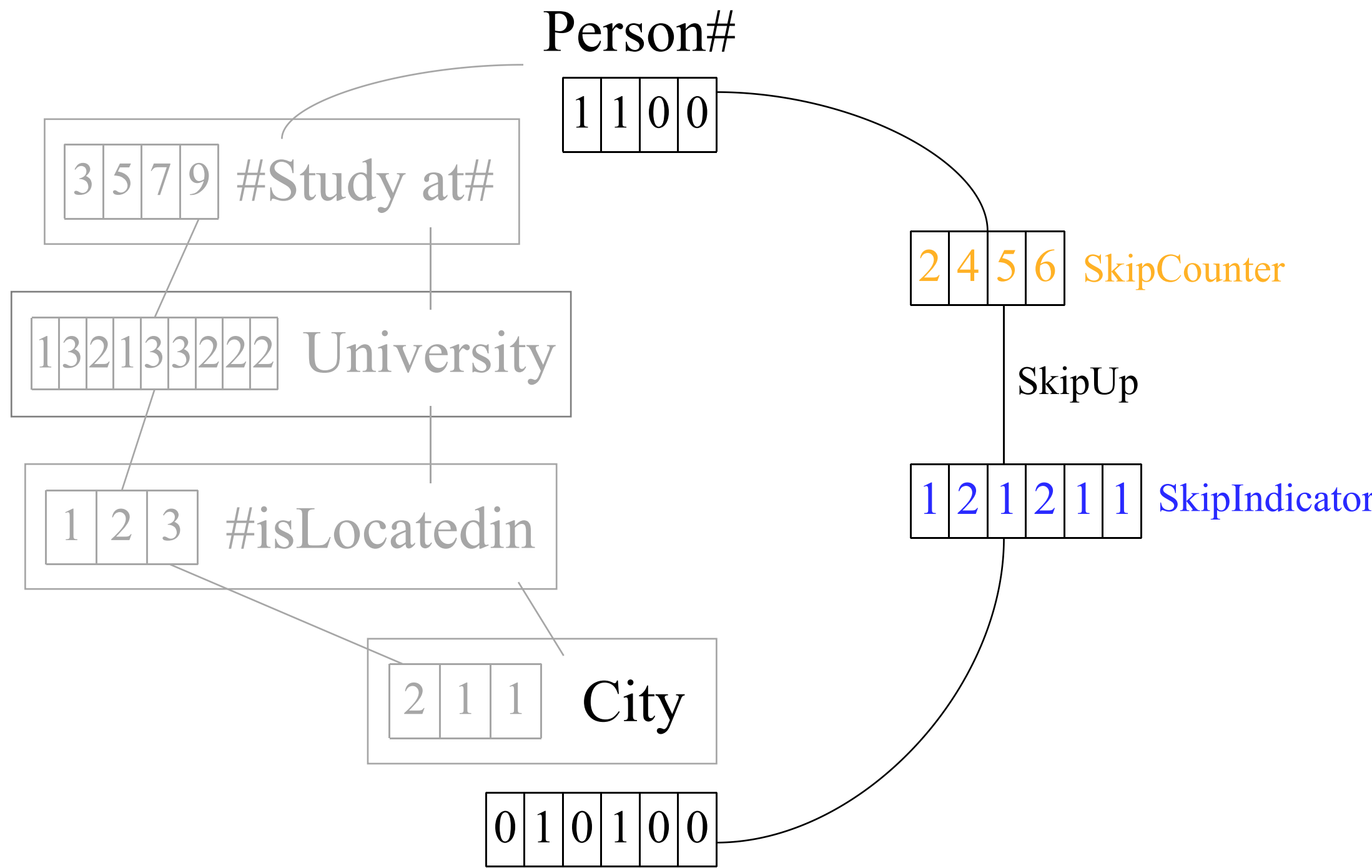


$$\begin{pmatrix} 1 & 1 & 1 \\ 1 & 0 & 1 \\ 0 & 1 & 1 \\ 0 & 1 & 0 \end{pmatrix} \odot \begin{pmatrix} 0 & 1 \\ 1 & 0 \\ 1 & 0 \end{pmatrix} \rightarrow \begin{pmatrix} 1 & 1 \\ 1 & 1 \\ 1 & 0 \\ 1 & 0 \end{pmatrix}$$

"  $\odot$  ": To calculate 2-hop adjacent matrix



Match (Person)-[study at]->(University)-[isLocatedin]->(City::city\_2)  
Return person