

Timestamps of Searches

$\left\{ \begin{array}{c} 1, 12, 15, \\ 75, 79, 81, \\ 121, 127, 135 \end{array} \right\}$

Concrete



Data Abstraction

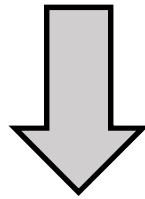
Timestamps of Searches

$\left\{ \begin{array}{c} [1, 15] \\ [75, 81] \\ [121, 135] \end{array} \right\}$

Intervals

$$\begin{array}{ccccc} \text{Users that Search} & & \text{Users that Review} & & \text{Users that Purchase} \\ \left\{ 1, 2, 3, 4, 5 \right\} & \cap & \left\{ 1, 4, 5 \right\} & \cap & \left\{ 1, 7 \right\} \end{array}$$

Predicate Abstraction



$$\begin{array}{c} \text{Users that Purchase} \\ \left\{ 1, 7 \right\} \end{array}$$