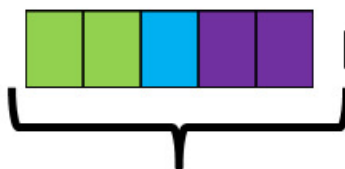




Set of files  
accessed (and not  
accessed) by user  $u$



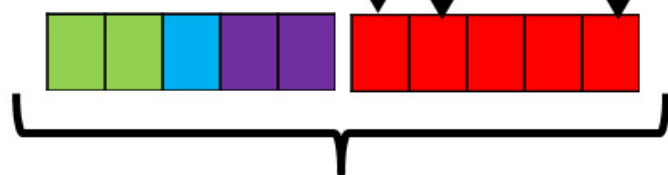
Metadata feature  
vector for  
training file  $f$



**Metadata model** for  
user  $u$  to capture  
file access patterns

(b)

Apply user  
Metadata models



Modified feature  
vector for validation file  $f$

Model training



**CF aware model** for  
user  $u$