

1. $\pi_{\text{Twitter_handle}, \text{tweet_text}} [\sigma_{\text{Twitter_handle} = \text{'theluckyman'}} (\text{Tweets})]$

2. $\pi_{\text{Twitter_handle}, \text{tweet_text}, \text{created_at}} [\sigma_{\text{Twitter_handle} = \text{'theluckyman'}} (\text{Tweets})]$

3. $\pi_{\text{Twitter_handle}, \text{tweet_text}, \text{created_at}}$

$[\sigma_{\text{created_at} \leq \text{SYSDATE()} \wedge \text{created_at} > \text{DATE_SUB}(\text{SYSDATE()}, \text{INTERVAL } 1 \text{ DAY}) \wedge \text{Twitter_handle} = \text{'theluckyman'}} (\text{Tweets})]$

4. $\text{Twitter_handle} \bowtie \{ \pi_{\text{Count}(\text{tweet_id}), \text{Twitter_handle}}$

$[\sigma_{\text{created_at} < \text{SYSDATE()} \wedge \text{created_at} > \text{DATE_SUB}(\text{SYSDATE()}, \text{INTERVAL } 1 \text{ DAY}) \wedge \text{Twitter_handle} = \text{'theluckyman'}} [\tau_{\text{Count}(\text{tweet_id}) \text{ DESC}} (\text{Tweets})]] \}$

5. $\pi_{\text{Twitter_handle}, \text{name}, \text{created_at}} [\sigma_{\text{Twitter_handle} = \text{'theluckyman'}} (\text{User})]$

6. $\text{target_user} \bowtie \{ \pi_{\text{Count}(\text{tweet_id}), \text{target_user}} [\tau_{\text{Count}(\text{tweet_id}) \text{ DESC}} (\text{Tweet_Mentions})] \}$

7. $\pi_{\text{Twitter_handle}, \text{retweet_count}, \text{tweet_text}} [\tau_{\text{retweet_count} \text{ DESC LIMIT } 1} (\text{Tweets})]$