Yammer search recommendation

**Daywise user activities**

SELECT to\_char(date\_trunc('day',e.occurred\_at),'MM/DD/YYYY') AS event\_day,

e.user\_id,

e.event\_name,

count(\*)

FROM tutorial.yammer\_events e

GROUP BY 1,

2,

3

ORDER BY 1,2;

**#dates with no search**

select distinct to\_char(date\_trunc('day',occurred\_at),'MM/DD/YYYY') from tutorial.yammer\_events

where to\_char(date\_trunc('day',occurred\_at),'MM/DD/YYYY') not in (

select distinct to\_char(date\_trunc('day',e.occurred\_at),'MM/DD/YYYY') from tutorial.yammer\_events e where e.event\_name = 'search\_run'

group by to\_char(date\_trunc('day',e.occurred\_at),'MM/DD/YYYY'))

No rows are returned for the above query which shows that Yammer search engine is used daily.

**#Search frequency**

SELECT to\_char(date\_trunc('day',e.occurred\_at),'MM/DD/YYYY') AS event\_day,

e.user\_id,

e.event\_name,

count(\*) search\_freq

FROM tutorial.yammer\_events e WHERE e.event\_name='search\_run'

GROUP BY 1,

2,

3

ORDER BY 1,2; #----------returns 3078 rows

**#Users with search count greater than 5**

select distinct user\_id,to\_char(date\_trunc('day',occurred\_at),'MM/DD/YYYY') dt , count(\*) from tutorial.yammer\_events where event\_name='search\_run'

group by user\_id,dt having count(\*)>5 order by 1,2; #-----------------returns 779 rows

It looks like about 25% of users search more than 5 times per session.

**# count of search\_autocomplete usage monthly**

select to\_char(date\_trunc('month',occurred\_at),'MM/YYYY') mnth, count(\*) from tutorial.yammer\_events where event\_name='search\_autocomplete'

group by mnth order by 1,2;

select count(\*) from tutorial.yammer\_events where event\_name='search\_run' #--- 13019

select count(\*) from tutorial.yammer\_events where event\_name='search\_autocomplete' #--- 17820

Based on the result it looks like users use ‘search\_autocomplete’ feature more than the full search.