|  |  |
| --- | --- |
|  |  |
|  | SQL Code: |
|  |  |
|  | -- Engagement event counts by week |
|  | SELECT DATE\_TRUNC('week', occurred\_at) as week\_date, count(event\_name) |
|  | FROM tutorial.yammer\_events events |
|  | WHERE event\_type = 'engagement' |
|  | GROUP BY DATE\_TRUNC('week', occurred\_at) |
|  | ORDER BY DATE\_TRUNC('week', occurred\_at) asc |
|  |  |
|  | -- Understanding the total Pending vs Active User Count |
|  | SELECT state, count(user\_id) as User\_Count |
|  | FROM tutorial.yammer\_users |
|  | GROUP BY state |
|  | ORDER BY count(user\_id) desc |
|  |  |
|  | -- Confirming that engagement events only arise from active users |
|  | SELECT events.location, count(users.user\_id) |
|  | FROM tutorial.yammer\_events events |
|  | JOIN tutorial.yammer\_users users |
|  | ON events.user\_id = users.user\_id |
|  | WHERE state = 'active' AND event\_type = 'engagement' |
|  | GROUP BY location |
|  | ORDER BY count(users.user\_id) desc |
|  | LIMIT 10 |
|  |  |
|  | -- Email Open Action count by Week |
|  | SELECT DATE\_TRUNC('week', occurred\_at) as week\_date, count(user\_id) as user\_actions |
|  | FROM tutorial.yammer\_emails emails |
|  | WHERE action = 'email\_open' |
|  | GROUP BY DATE\_TRUNC('week', occurred\_at) |
|  | ORDER BY DATE\_TRUNC('week', occurred\_at) asc |
|  |  |
|  | -- User Action by Week |
|  | SELECT DATE\_TRUNC('week', occurred\_at) as week\_date, action, count(user\_id) as user\_actions |
|  | FROM tutorial.yammer\_emails emails |
|  | GROUP BY DATE\_TRUNC('week', occurred\_at), action |
|  | ORDER BY DATE\_TRUNC('week', occurred\_at) asc |
|  |  |
|  | -- Event Type by Week |
|  | SELECT DATE\_TRUNC('week', occurred\_at) as week\_date, event\_name, count(user\_id) |
|  | FROM tutorial.yammer\_events events |
|  | WHERE event\_type = 'engagement' |
|  | GROUP BY DATE\_TRUNC('week', occurred\_at), event\_name |
|  | ORDER BY DATE\_TRUNC('week', occurred\_at) asc |
|  |  |
|  | -- Events by Device Type by Week |
|  | SELECT DATE\_TRUNC('week', occurred\_at) as week\_date, device, count(user\_id) |
|  | FROM tutorial.yammer\_events events |
|  | GROUP BY DATE\_TRUNC('week', occurred\_at), device |
|  | ORDER BY DATE\_TRUNC('week', occurred\_at) asc |