**CASE STUDY 6**

TABLE\_1: tutorial.yammer\_users

TABLE\_2: tutorial.yammer\_experiments

TABLE\_3: tutorial.yammer\_events

TABLE\_4: tutorial.yammer\_emails

1. Find the number of users per language type.
2. **SELECT language, COUNT(user\_id) AS number\_of\_users\_per\_language FROM tutorial.playbook\_users GROUP BY 1;**
3. Write a query to find how many users are part of experiments.
4. **SELECT COUNT(EX.user\_id) AS NO\_OF\_USERS FROM tutorial.yammer\_users U LEFT JOIN tutorial.yammer\_experiments EX ON U.user\_id = EX.user\_id ;**
5. Find the number of users in experiment per language category.
6. **SELECT u.language, COUNT(DISTINCT e.user\_id) AS num\_users\_in\_experiment**

**FROM tutorial.yammer\_experiments e JOIN tutorial.yammer\_users u**

**ON e.user\_id = u.user\_id**

**GROUP BY u.language**

**ORDER BY num\_users\_in\_experiment DESC;**

1. Write a query to find how many users have received at least one email.
2. **SELECT COUNT(DISTINCT user\_id) AS users\_received\_email**

**FROM tutorial.yammer\_emails;**

1. Write a query to find how many users per company id have received at least one email.
2. **SELECT u.company\_id, COUNT(DISTINCT e.user\_id) AS users\_received\_email**

**FROM tutorial.yammer\_emails e JOIN tutorial.yammer\_users u**

**ON e.user\_id = u.user\_id**

**GROUP BY u.company\_id**

**ORDER BY users\_received\_email DESC;**

1. Write a query to find how many users have received at least one event.
2. **SELECT COUNT(DISTINCT user\_id) AS users\_with\_events**

**FROM tutorial.yammer\_events;**

1. Write a query to find how many distinct users per state have at least one event.
2. **SELECT u.state,**

**COUNT(DISTINCT e.user\_id) AS users\_with\_events**

**FROM tutorial.yammer\_events e JOIN tutorial.yammer\_users u**

**ON e.user\_id = u.user\_id**

**GROUP BY u.state**

**ORDER BY users\_with\_events DESC;**