Google

As a Data Scientist on the Gmail User Experience Research team, you are tasked with understanding how users create and utilize email labels for personal organization....

Question 1: Can you find out the number of labels created by each user? We are interested in understanding how many labels users typically create to manage their emails.

```sql
SELECT user_id, COUNT(label_id)
FROM email_labels
GROUP BY user_id;
```

Google

As a Data Scientist on the Gmail User Experience Research team, you are tasked with understanding how users create and utilize email labels for personal organization....

Question 2: Your team wants to know which labels had more than 5 emails assigned to them. Can you retrieve these?

```sql
SELECT label_id
FROM emails
GROUP BY label_id
HAVING COUNT(email_id) > 5;
```

Google

As a Data Scientist on the Gmail User Experience Research team, you are tasked with understanding how users create and utilize email labels for personal organization....

Question 3: For labels created in October 2024, determine the number of emails associated with each label. If any labels created in October did not have any emails associated with it, still return these labels in your output. This will help us understand the distribution of email usage across labels.

```sql
SELECT email_labels.label_id, COUNT(emails.email_id)
FROM email_labels
LEFT JOIN emails
  ON email_labels.label_id = emails.label_id
WHERE TO_CHAR(created_date, 'YYYY-MM') = '2024-10'
GROUP BY email_labels.label_id;
```

InterviewMaster.AI