

Second: Write a query that directly answers question(s) from a business stakeholder

1. Which brand saw the most dollars spent in the month of June?

```
select b.name
from brands b
inner join receipt_items ri
on b.barcode = ri.barcode
inner join receipts r
on r.id = ri.rewards_receipt_id
where r.total_spent = (select max(total_spent)
                      from receipts
                      where month(purchase_date) = '6')
```

2. Which user spent the most money in the month of August?

```
select user_id
from receipts
where total_spent = (select max(total_spent)
                    from receipts
                    where month(purchase_date) = '8')
```

3. What user bought the most expensive item?

```
select r.user_id
from receipts r
inner join receipt_items ri
on r.id = ri.rewards_receipt_id
where total_final_price = (select max(total_final_price) from receipt_items)
```

4. What is the name of the most expensive item purchased?

```
select b.name  
from brands b  
inner join receipt_items ri  
on b.barcode = ri.barcode  
where ri.total_final_price = (select max(total_final_price) from receipt_items)
```

5. How many users scanned in each month?

```
select count(user_id), month(date_scanned) as month_scanned  
from receipts  
group by month_scanned
```