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

SELECT TOP 1 Round(sum(receipt\_items.[TOTAL\_FINAL\_PRICE]),0) AS Total\_Purchase, brands.Name

FROM receipt\_items, brands, receipts

WHERE brands.BRAND\_CODE = receipt\_items.BRAND\_CODE and receipts.ID = receipt\_items.REWARDS\_RECEIPT\_ID

and MONTH(receipts.PURCHASE\_DATE) = '6'

GROUP BY brands.[Name]

ORDER BY 1 DESC;

**Which user spent the most money in the month of August?**

SELECT TOP 1 Round(Sum(receipt\_items.[TOTAL\_FINAL\_PRICE]),0) AS Total\_Purchase, users.ID AS User\_ID

FROM receipt\_items, users, receipts

WHERE (((users.ID)=receipts.USER\_ID) And ((receipts.ID)=receipt\_items.REWARDS\_RECEIPT\_ID) And ((Month(receipts.PURCHASE\_DATE))='8'))

GROUP BY users.ID

ORDER BY 1 DESC;

**What user bought the most expensive item?**

SELECT TOP 1 Round(Max(receipt\_items.[TOTAL\_FINAL\_PRICE]),0) AS Max\_Purchase, users.ID AS User\_ID

FROM receipt\_items, users, receipts

WHERE (((users.ID)=receipts.USER\_ID) And ((receipts.ID)=receipt\_items.REWARDS\_RECEIPT\_ID))

GROUP BY users.ID

ORDER BY 1 DESC;

**What is the name of the most expensive item purchased?**

SELECT TOP 1 Round(Max(receipt\_items.[TOTAL\_FINAL\_PRICE]),0) AS Item\_Price, receipt\_items.Description AS Item\_Name

FROM receipt\_items

GROUP BY receipt\_items.Description

ORDER BY 1 DESC;

**How many users scanned in each month??**

SELECT count(receipts.[User\_ID]) AS Users\_Count, MONTH(receipts.PURCHASE\_DATE) AS Month\_Num

FROM users, receipts

WHERE receipts.User\_Id = Users.ID

GROUP BY MONTH(receipts.PURCHASE\_DATE)

ORDER BY 2 DESC;

Choose something noteworthy about the data and share with a non-technical stakeholder?

There is lot of unnecessary information particularly about the receipts such as *CREATE\_DATE, PENDING\_DATE, MODIFY\_DATE, FLAGGED\_DATE, PROCESSED\_DATE, FINISHED\_DATE, REJECTED\_DATE.* In my opinion, all these dates are unnecessary and most of them are usually empty. It is possible that only relevant information is stored, and all other dates are excluded which will make the data more concise.

Moreover, the relationship between brands and receipts is not clear, it needs more clarity for making data more concise.