

1. Find the customer with the highest transaction value as of today.

```
SELECT
    MFTT.Customer_Id,
    Customer_Name,
    NAV_Value*No_of_Units AS Transaction_Value
FROM Mutual_Fund_Transaction_Table MFTT
JOIN Customers_Details CD
    ON MFTT.Customer_Id = CD.Customer_Id
WHERE
    Transaction_Status = 'Success' AND Transaction_Type = 'Purchase'
ORDER BY Transaction_Value DESC
LIMIT 1
```

2. Count of successful transactions in the month of April - 2019

```
SELECT count(Transaction_Status) AS Successful_Transactions

FROM Mutual_Fund_Transaction_Table
WHERE Transaction_Status = 'Success' AND Transaction_Time BETWEEN '2019-04-01 00:00:01' AND '2019-04-30 00:00:00'
```

3. Number of new customers in the month of Jan - 2019, who are not banned as of now and have made more than 4 purchases

```
SELECT
    count(MFTT.Customer_Id) AS No of new customers,
    Banned != 1
    Transaction_Type = 'Purchase' AS count(Status)
FROM Mutual_Fund_Transaction_Table MFTT
LEFT JOIN Customers_Details CD
    ON MFTT.Customer_Id = CD.Customer_Id
WHERE Customer_Join_Time BETWEEN '2018-12-31 00:00:01' AND '2019-01-31 00:00:00' AND count(Status) > 4
GROUPBY Banned AND count(Status)
```

4. First 5 Rows of top paying Male & Female customers (in a single output)

```
SELECT
    Customer_Name,
    Gender

FROM Mutual_Fund_Transaction_Table MFTT
JOIN Customer_Details CD
    ON MFTT.Customer_Id = CD.Customer_Id
WHERE NAV*No_of_Units AS Top paying customers
ORDER BY Top paying customers DESC
LIMIT 5
```