

FLEET UTILIZATION

a).Fleet Utilization for all Customers

QUERY

```
create or replace PROCEDURE MSIL_FLEET_UTILIZATION
(
  c OUT SYS_REFCURSOR,
  p_to_date IN DATE
)
AS
  end_date VARCHAR2(20) := TO_CHAR(p_to_date,'dd-MM-YY');
BEGIN
  OPEN c FOR
  With T1 AS(
    select evm_customer_id,count(evm_regn_no) as Total_Vehicles
    from etrk_vehicle_mst
    where evm_device_installed_on<=TO_DATE(end_date,'DD-MM-YY HH24:MI:SS')
    group by evm_customer_id
    order by evm_customer_id
  ),
  T2 AS(
    SELECT(X.trip_regn_no) FROM (
    Select distinct trip_regn_no from etrk_mul_newtrip
    where TO_DATE(end_date,'DD-MM-YY HH24:MI:SS')
    between TRIP_INV_DATE AND TRIP_STD_TT_DATE AND TRIP_AUTO_CLOSURE_DATE IS NULL

    UNION
    Select distinct trip_regn_no from etrk_mul_newtrip_hist
    where TO_DATE(end_date,'DD-MM-YY HH24:MI:SS')
    between TRIP_INV_DATE AND TRIP_STD_TT_DATE AND TRIP_AUTO_CLOSURE_DATE IS NULL)X
  ),
  T3 as(
    Select count(t.trip_regn_no) as Utilized_Vehicles , v.EVM_CUSTOMER_ID from T2 t
    inner join etrk_vehicle_mst v on t.trip_regn_no= v.evm_regn_no
    group by v.EVM_CUSTOMER_ID
    order by v.evm_customer_id
  ),
  T4 as(
    select a.*,b.utilized_vehicles from T1 a inner join T3 b on a.evm_customer_id=b.evm_customer_id
  )
  select a.*,round((a.utilized_vehicles/a.total_vehicles)*100,2) "Percentage" from T4 a;

END MSIL_FLEET_UTILIZATION;
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b)Fleet Utilization For Particular Customer

QUERY

create or replace PROCEDURE MSIL_FLEET_UTILIZATION2

```
(
  c OUT SYS_REFCURSOR,
  p_to_date IN DATE,
  CUSTOMER_ID IN VARCHAR2
)
AS
  end_date VARCHAR2(20) := TO_CHAR(p_to_date,'dd-MM-YY');
BEGIN
  OPEN c FOR
  With T1 AS(
    select count(evm_regn_no) as Total_Vehicles
    from etrk_vehicle_mst
    where evm_device_installed_on<=TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') and
    evm_customer_id=CUSTOMER_ID
  ),
  T2 AS(
    SELECT(X.trip_regn_no) FROM (
    Select distinct trip_regn_no from etrk_mul_newtrip
    where TO_DATE(end_date,'DD-MM-YY HH24:MI:SS')
    between TRIP_INV_DATE AND TRIP_STD_TT_DATE AND TRIP_AUTO_CLOSURE_DATE IS NULL

    UNION
    Select distinct trip_regn_no from etrk_mul_newtrip_hist
    where TO_DATE(end_date,'DD-MM-YY HH24:MI:SS')
    between TRIP_INV_DATE AND TRIP_STD_TT_DATE AND TRIP_AUTO_CLOSURE_DATE IS NULL)X
  ),
  T3 as(
    Select count(t.trip_regn_no) as Utilized_Vehicles from T2 t
    inner join etrk_vehicle_mst v on t.trip_regn_no= v.evm_regn_no
    where v.evm_customer_id=customer_id
  )
  select a.*,b.*,round((b.utilized_vehicles/a.total_vehicles)*100,2) "Percentage" from T1 a cross join T3 b ;

END MSIL_FLEET_UTILIZATION2;
```