

DEAR FAIZAN,
Please review this yearwise query.

QUERY-1: TOTAL TRIPS

```
create or replace PROCEDURE MSIL_TOTALTRIPS4
(
  C OUT SYS_REFCURSOR,
  P_FROM_DATE IN DATE,
  P_TO_DATE IN DATE)
AS
BEGIN
  OPEN C FOR SELECT X.CNT,"YEAR" FROM
  (SELECT EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR",COUNT(*) CNT
  FROM ETRK_MUL_NEWTRIP
  WHERE (TRIP_INV_DATE >= P_FROM_DATE
  AND TRIP_INV_DATE <= P_TO_DATE)
  -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY')
  GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
  UNION
  SELECT EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR",COUNT(*) CNT
  FROM ETRK_MUL_NEWTRIP_HIST
  WHERE (TRIP_INV_DATE >= P_FROM_DATE
  AND TRIP_INV_DATE <= P_TO_DATE)
  -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)
  GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
  ) X ORDER BY "YEAR";

END MSIL_TOTALTRIPS4;
```

QUERY-2: OPEN TRIPS

create or replace PROCEDURE MSIL_OPENTRIPS4

```
(
  C OUT SYS_REFCURSOR,
  P_FROM IN DATE,
  P_TO IN DATE,
  PRESENT_PAST VARCHAR2)
AS
from_date VARCHAR2(20) := to_char(P_FROM,'dd-MM-YY') || '00:00:00';
end_date VARCHAR2(20) := to_char(P_TO,'dd-MM-YY') || '23:59:59';
BEGIN
  IF PRESENT_PAST = 'PRESENT' THEN
    OPEN C FOR SELECT COUNT(*) CNT FROM ETRK_MUL_NEWTRIP WHERE TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') AND
TRIP_STATUS = 1 AND TRIP_ONWD_COMP_DATE IS NULL; --ahead cases
  ELSE
    OPEN C FOR SELECT X.CNT,"YEAR" FROM
    (SELECT COUNT(*) CNT, EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR"
    FROM ETRK_MUL_NEWTRIP
    WHERE TRIP_INV_DATE BETWEEN TO_DATE( from_date,'DD-MM-YY HH24:MI:SS') AND TO_DATE( end_date,'DD-MM-YY
HH24:MI:SS')
    AND (TRIP_AUTO_CLOSURE_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_AUTO_CLOSURE_DATE IS NULL)
    AND (TRIP_COMPLETED_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_COMPLETED_DATE IS NULL)
    AND (TRIP_ONWD_COMP_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_ONWD_COMP_DATE IS NULL)
    AND (PROXY_CLOSURE_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR PROXY_CLOSURE_DATE IS NULL)
    -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)
    GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
    UNION

    SELECT COUNT(*) CNT,EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR"
    FROM ETRK_MUL_NEWTRIP_HIST
    WHERE TRIP_INV_DATE BETWEEN TO_DATE( from_date,'DD-MM-YY HH24:MI:SS') AND TO_DATE( end_date,'DD-MM-YY
HH24:MI:SS')
    AND (TRIP_AUTO_CLOSURE_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_AUTO_CLOSURE_DATE IS NULL)
    AND (TRIP_COMPLETED_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_COMPLETED_DATE IS NULL)
    AND (TRIP_ONWD_COMP_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR TRIP_ONWD_COMP_DATE IS NULL)
    AND (PROXY_CLOSURE_DATE > TO_DATE(end_date,'DD-MM-YY HH24:MI:SS') OR PROXY_CLOSURE_DATE IS NULL)
    -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)
    GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
    ) X ORDER BY "YEAR";
  END IF;

END MSIL_OPENTRIPS4;
```

QUERY 3: CLOSED TRIPS

Create or replace PROCEDURE MSIL_CLOSEDTRIPS4

```
(
C OUT SYS_REFCURSOR,
P_FROM_DATE IN DATE,
P_TO_DATE IN DATE
)
AS
BEGIN
OPEN C FOR
Select X.CNT, "YEAR" from (
SELECT COUNT(*) CNT,extract(YEAR from coalesce(TRIP_ONWD_COMP_DATE, PROXY_CLOSURE_DATE,
TRIP_COMPLETED_DATE, TRIP_AUTO_CLOSURE_DATE)) "YEAR"
FROM ETRK_MUL_NEWTRIP
WHERE
COALESCE(TRIP_ONWD_COMP_DATE,PROXY_CLOSURE_DATE,TRIP_COMPLETED_DATE,TRIP_AUTO_CLOSURE_DATE)>=
P_
FROM_DATE AND
COALESCE(TRIP_ONWD_COMP_DATE,PROXY_CLOSURE_DATE,TRIP_COMPLETED_DATE,TRIP_AUTO_CLOSURE_DATE)<=
P_
TO_DATE
-- AND TRIP_INV_DATE >= TO_DATE('01-01-19','DD-MM-YY')
Group by extract(YEAR from coalesce(TRIP_ONWD_COMP_DATE, PROXY_CLOSURE_DATE, TRIP_COMPLETED_DATE,
TRIP_AUTO_CLOSURE_DATE))
UNION
SELECT COUNT(*) CNT,extract(YEAR from coalesce(TRIP_ONWD_COMP_DATE, PROXY_CLOSURE_DATE,
TRIP_COMPLETED_DATE, TRIP_AUTO_CLOSURE_DATE)) "YEAR"
FROM ETRK_MUL_NEWTRIP_HIST
WHERE
COALESCE(TRIP_ONWD_COMP_DATE,PROXY_CLOSURE_DATE,TRIP_COMPLETED_DATE,TRIP_AUTO_CLOSURE_DATE)>=
P_FROM_DATE
AND
COALESCE(TRIP_ONWD_COMP_DATE,PROXY_CLOSURE_DATE,TRIP_COMPLETED_DATE,TRIP_AUTO_CLOSURE_DATE)<=
P_TO_DATE
--AND TRIP_INV_DATE >= TO_DATE('01-01-19','DD-MM-YY')
Group by extract(YEAR from coalesce(TRIP_ONWD_COMP_DATE, PROXY_CLOSURE_DATE, TRIP_COMPLETED_DATE,
TRIP_AUTO_CLOSURE_DATE))

)X order by "YEAR";

END MSIL_CLOSEDTRIPS4;
```

QUERY 4:- DELAY TRIPS

```
create or replace PROCEDURE MSIL_DELAYTRIPS4
(
  C OUT SYS_REFCURSOR,
  P_FROM_DATE IN DATE,
  P_TO_DATE IN DATE
)
AS
BEGIN
  OPEN C FOR SELECT X.CNT,"YEAR" FROM
  (SELECT EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR",COUNT(*) CNT
  FROM ETRK_MUL_NEWTRIP
  WHERE (TRIP_INV_DATE >= P_FROM_DATE
  AND TRIP_INV_DATE <= P_TO_DATE)
  -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)
  AND TRIP_ETA_STATUS LIKE 'DELAY%'
  GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
  UNION
  SELECT EXTRACT(YEAR FROM TRIP_INV_DATE) "YEAR",COUNT(*) CNT
  FROM ETRK_MUL_NEWTRIP_HIST
  WHERE (TRIP_INV_DATE >= P_FROM_DATE
  AND TRIP_INV_DATE <= P_TO_DATE)
  -- AND TRIP_INV_DATE >= TO_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)
  AND TRIP_ETA_STATUS LIKE 'DELAY%'
  GROUP BY EXTRACT(YEAR FROM TRIP_INV_DATE)
  ) X ORDER BY "YEAR";

END MSIL_DELAYTRIPS4;
```