VIEWS

1. CREATE VIEW "TopA-StarPassenger" AS (SELECT
   "FirstName","LastName","MembershipDate" from "PERSON","AStarPassenger"
   where "PERSON"."Pid" = "AStarPassenger"."ASAPid" and
   "AStarPassenger"."ASAPid" in (SELECT "TCASAPid" from "travelcard"
   WHERE "Expiry">to_date('23-NOV-2018','DD-MON-YYYY') Group by
   "TCASAPid" HAVING SUM("TravelCount")>=60));

	FirstName	LastName	MembershipDate
1	Janice	Joplin	26-02-19
2	Rob	Adams	18-08-15

2. CREATE VIEW "PopularBus" AS
(SELECT "BusNo", "LicenseNo","No_Seats" from "bus" where "BusNo"

IN
(SELECT "BusId" from "ticket" WHERE "DATEOFTRAVEL">to_date('23-
NOV-2017','DD-MON- YYYY')

GROUP BY "BusId"
ORDER BY COUNT(*) DESC FETCH FIRST 1 ROWS ONLY));

	BusNo	LicenseNo	No_Seats
1	4	45678	70

3. CREATE VIEW "TopDelayedCancelledBus" as
(SELECT "BusNo","LicenseNo","No_Seats" from "bus" where "LicenseNo" in

(SELECT "OLicenseNo" from "OverallBusInfo" where ("Status"='Delayed' or
"Status"='Cancelled') and "OverallBusInfo"."DateOfOperation">TO_DATE('23-
OCT-2019','DD-MON-YYYY')
GROUP BY "OLicenseNo"

ORDER BY COUNT(*) DESC FETCH FIRST 1 ROWS ONLY));

	BusNo	LicenseNo	No_Seats
1	3	34567	70

4. CREATE VIEW "PotentialAStarPassenger" AS
(Select ,"Pid","FirstName","LastName","PhoneNumber" from

"PERSON","person_phonenumber" where
"PERSON"."Pid"="person_phonenumber"."Phone_Pid" and "PERSON"."Pid" in
(Select "APid" from "AClassPassenger" where "APid" in
(SELECT "TPid" from "ticket" where "DATEOFTRAVEL">TO_DATE('23-SEP-

2019','DDMONYYYY') GROUP BY "TPid" HAving COUNT(*)>=40)));

	FirstName	LastName	PhoneNumber
1	Kenny	Rogers	2483293033

5. CREATE VIEW "TopEmployee" AS
(SELECT "Pid","FirstName","LastName" from "PERSON" where "Pid" in
(SELECT "TPid" from "ticket","employee" where "TPid"="EPid" and

"DATEOFTRAVEL">TO_DATE('23-OCT-2019','DD-MON-YYYY') GROUP BY
"TPid" ORDER BY COUNT(*) DESC FETCH FIRST 1 ROWS ONLY));

	Pid	FirstName	LastName
1	P001	James	Bond