

SQL Queries

1. Select "Pid","FirstName","LastName" from PERSON where "Pid" in (select * from "staff");

	Pid	FirstName	LastName
1	P003	Rob	Adams
2	P004	Janice	Joplin
3	P007	Jerry	Lewis
4	P010	Sidd	Sekar
5	P014	Lionel	Messi
6	P016	Casey	Affleck
7	P018	Wendy	Cho
8	P020	Paula	Kate

2. Select "Pid","FirstName","LastName" from "PERSON","AClassPassenger","employee" where "APid"="Pid" and "APid"="EPid";

	Pid	FirstName	LastName
1	P001	James	Bond
2	P002	Tim	Robbins
3	P003	Rob	Adams
4	P018	Wendy	Cho
5	P020	Paula	Kate

3. SELECT AVG(TC) from (SELECT SUM("TravelCount") TC from "travelcard" where "Expiry">=TO_DATE('23-NOV-2018','DD-MON-YYYY') GROUP BY "TCASAPid" having sum("TravelCount")>=60 order by sum("TravelCount") DESC FETCH FIRST 5 ROWS ONLY);

	AVG(TC)
1	80

4. SELECT "BusNo","RouteName" from "OverallBusInfo","route","PopularBus" where "PopularBus"."LicenseNo" = "OverallBusInfo"."OLicenseNo" and "OverallBusInfo"."ORId" = "route"."Rid";

	BusNo	RouteName
1	4	UTD-Plano

5. SELECT "OLicenseNo"from "bus","OverallBusInfo" where "DateOfOperation">=TO_DATE('23-10-2019','DD-MM-YYYY') and "Status"='Cancelled' GROUP BY "OLicenseNo" HAVING COUNT("OLicenseNo")>3;

	OLicen..
1	34567

6. Select "BusId",COUNT(*) as count from "ticket" Group By "BusId";

	BusId	COUNT
1	1	4
2	2	4
3	4	42

7. SELECT "DBEPid" from "Drives" where "Date">TO_DATE('16-11-2019','DD-MM-YYYY') group by "DBEPid" having COUNT(*)=7;

DBEPid
1 P012

8. SELECT COUNT(DISTINCT t."TPid") as "PopularPeople" from "ticket" t, "PopularBus" p where p."BusNo"=t."BusId";

PopularPeople
1 2

9. SELECT "TPid","TicketId","BusId","SeatNo","Price" from "ticket" where "DateOfTravel" > (Select "StartDate" from "employee" order by "StartDate" DESC FETCH FIRST 1 ROWS ONLY);

TPid	TicketId	BusId	SeatNo	Price
1 P007	52	4	14	6.99

10. SELECT DISTINCT "ASEPid" from "employee","AStarPassenger"
where "MembershipDate">="employee"."StartDate"
"MembershipDate"<="employee"."StartDate"+30;

	ASEPid
1	P016
2	P020
3	P014
4	P018

11. SELECT "ORId" from "OverallBusInfo" Group by "ORId" order by
COUNT(*) DESC FETCH FIRST 1 ROWS ONLY;

	ORId
1	5

12. SELECT "Pid","FirstName","LastName" from "PERSON" where "Pid"
in
(SELECT "ASAPid" from "AStarPassenger" where
"AStarPassenger"."MembershipDate"<=TO_DATE('23-11-2014','DD-
MM-YYYY'));

	Pid	FirstName	LastName
1	P014	Lionel	Messi
2	P016	Casey	Affleck
3	P018	Wendy	Cho
4	P020	Paula	Kate

13. Select "Pid","TicketId","BusId","Price","SeatNo" from
 "PotentialAStarPassenger","ticket" where
 "DATEOFTRAVEL">=TO_DATE('27-11-2018','DD-MM-YYYY') and
 "PotentialAStarPassenger"."Pid"="TPid";

	Pid	TicketId	BusId	Price	SeatNo
1	P005	51	4	6.99	14
2	P005	50	4	6.99	14
3	P005	49	4	6.99	14
4	P005	48	4	6.99	14
5	P005	47	4	6.99	14
6	P005	46	4	6.99	14
7	P005	45	4	6.99	14
8	P005	44	4	6.99	14
9	P005	43	4	6.99	14
10	P005	42	4	6.99	14
11	P005	41	4	6.99	14
12	P005	40	4	6.99	14
13	P005	39	4	6.99	14
14	P005	38	4	6.99	14
15	P005	37	4	6.99	14
16	P005	36	4	6.99	14
17	P005	35	4	6.99	14
18	P005	34	4	6.99	14
19	P005	33	4	6.99	14
20	P005	32	4	6.99	14
21	P005	31	4	6.99	14
22	P005	30	4	6.99	14