

-- 1. Preponed Departure Date

```
select booking_id, flight_name, subdate(flight_date,5) as PREPONED_DEPARTURE_DATE
from flight_details
where flight_source != "Miami"
order by booking_id desc;
```

-- 2. Customer Purchase Details

```
select cd.customer_id,cd.customer_name,cd.phone_no,pd.purchase_date
from customer_details cd
join purchase_details pd on cd.customer_id=pd.customer_id
where cd.city != 'Delhi'
order by cd.customer_id desc;
```

-- 3. Customer With Email

```
select c.cust_name,o.order_id,o.order_date
from customers c
join orders o on c.cust_id=o.cust_id
where c.email_id like "%@gmail.com"
order by o.order_id desc;
```

-- 4. Boat With Same Capacity

```
select b1.boat_id,b1.boat_name
from boat_details b1
join boat_details b2 on b1.seat_capacity=b2.seat_capacity
where b1.boat_id!=b2.boat_id
```



```
order by b1.boat_name;
```

```
-- Q5 Product Category Details
```

```
select distinct p.productname,p.category
```

```
from products p
```

```
join feedback f on p.product_id=f.product_id
```

```
where f.rating_value<3
```

```
order by p.productname;
```

```
-- Q6 Member and product details
```

```
select m.fullname,m.email,m.member_id,f.product_id
```

```
from members m
```

```
join feedback f on m.member_id=f.member_id
```

```
where month(m.date_of_birth) in (1,12)
```

```
order by m.fullname desc;
```

```
-- Q7 Date Of Delivery
```

```
select cust_name,email_id,coalesce(address,phone_no) as Contact_Info
```

```
from customers
```

```
where cust_id in (
```

```
    select cust_id
```

```
    from orders
```

```
    where order_date!=delivery_date
```

```
)
```

```
order by cust_name;
```



-- Q8 Movie And Theatre Details

```
select mm.movie_name,sm.theatre_id,mm.duration
from movie_master mm
join screening_master sm on mm.movie_id=sm.movie_id
where lower(mm.language) != 'hindi'
order by mm.movie_name desc;
```

-- Q9 Chicago Flights

```
select f1.flight_name,f1.flight_source
from flight_details f1
join flight_details f2 on f1.flight_destination=f2.flight_destination
where f1.flight_source!=f2.flight_source
order by f1.destination,f1.flight_name;
```

-- Q10 Member Details Based On Condition

```
select m.fullname
from members m
join feedback f on m.member_id=f.member_id
where m.email like "%@gmail.com" and address = 'Bangalore' and f.rating_value>4
order by m.fullname desc;
```

-- Q11 Specific Patient Address

```
select p.p_first_name,a.app_reason,a.app_time,b.bill_amount
from patient p
```



```
join appointment a on p.patient_id=a.patient_id
join bill b on a.app_number=b.app_number
where p.address like "%Avenue%"
order by a.app_time;
```

-- Q12 Ordered Month

```
select distinct c.cust_name,c.email_id,c.phone_no
from customers c
join orders o on c.cust_id=o.cust_id
where month(o.order_date) between 2 and 8
order by c.cust_name;
```

-- Q13 Seat Count

```
select b.boat_id,b.boat_name,b.boat_type,round((b.seat_capacity*0.75),2) as SEAT_COUNT
from boat_details b
join ride_details r on b.boat_id=r.boat_id
where year(r.dot)=2000
order by b.boat_name desc;
```

-- Q14 Movie Details

```
select mm.movie_id,mm.movie_name,sm.show_time
from movie_master mm
join screening_master sm on mm.movie_id=sm.movie_id
where lower(language)='tamil' and certification!='A'
order by sm.screening_id desc;
```



-- Q15 Bill Payment

```
select p.patient_id,p.p_first_name,p.city,p.p_age
from patient p
join appointment a on p.patient_id=a.patient_id
join bill b on a.app_number=b.app_number
left join payment pt on b.bill_number=pt.bill_number
where pt.payment_id is null
order by p.age;
```

-- Q16 Policy Enrolled Customers with gmail user

```
select c.customer_id,c.customer_name,p.policy_id,p.total_amount,p.no_of_year
from customer c
join policyenrollment p on c.customer_id=p.customer_id
where c.email_id like "%@gmail.com"
order by p.enrollment_id desc;
```

-- Q17 Male policy Enrollments

```
select c.customer_id,c.customer_name,p.policy_id
from customer c
join policyenrollment p on c.customer_id=p.customer_id
where c.gender = 'M'
order by p.enrollment_id desc;
```

-- Q18 Most Number of Years



```

select policy_id,policy_name
from policy
where policy_id in (
    select policy_id
    from policyenrollment
    group by policy_id
    having sum(no_of_year) =(
        select max(m) from (
            select sum(no_of_years) m
            from policyenrollment
            group by policy_id
        ) s
    )
)
order by policy_name
;

```

-- Q19 Customer and booking details

```

select c.customer_name,b.total_amount
from customer_master c
join booking_details b on c.customer_id=b.customer_id
where year(b.booking_date)=2018
order by b.booking_id desc;

```

-- Q20 Patient from same city



```
select p1.p_first_name,p1.city
from patient p1
join patient p2 on p1.city=p2.city
where p1.patient_id!=p2.patient_id
order by p1.city;
```

-- Q21 Recent Subscriber

```
select customer_name
from customer
    where phone_number=(
        select phone_number
        from subscription
        where recharge_date =(
            select max(recharge_date)
            from subscription
        )
    )
order by customer_name desc;
```

-- Q22 Customer details based on gender

```
select
customer_id,customer_name,date_of_birth,mariral_status,gender,gurdian_name,contact_no,ema
il_id
from customer_personal_info
```



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```
where upper(gender)='M' and upper(marital_status)='MARRIED'
```

```
order by customer_id;
```

```
-- Q23 Passcode generation
```

```
select c.customer_id,a.account_no,concat(right(c.customer_id,3),right(a.account_no,4))
```

```
as PASSCODE
```

```
from customer_personal_info c
```

```
join account_info a on c.customer_id=a.customer_id
```

```
order by c.customer_id;
```

```
-- Q24 Customer Details Based on name
```

```
select customer_id,customer_name,date_of_birth,gurdian_name
```

```
from customer_personal_info
```

```
where customer_name like "J%"
```

```
order by customer_id;
```

```
-- Q25 Customer details based on name starting with 'J'
```

```
select
```

```
c.customer_id,c.customer_name,a.account_no,a.account_type,b.bank_name,b.ifsc_code,a.initial  
_deposit,
```

```
case
```

```
    when upper(a.account_type)='SAVINGS' then round((a.interest*1.1),2)
```

```
    else a.interest
```

```
end NEW_INTEREST
```

```
from customer_personal_info c
```

```
join account_info a on c.customer_id=a.customer_id
```




```
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
order by c.customer_id;
```

```
-- Q26 Customer details based on tax
```

```
select c.customer_id,c.customer_name,a.account_no,a.initial_deposite,
```

```
case
```

```
    when a.initial_deposite then '0%'
```

```
    when a.initial_deposite<=10000 then '3%'
```

```
    when a.initial_deposite>10000 and a.initial_deposite<20000 then '5%'
```

```
    when a.initial_deposite>=20000 and a.initial_deposite<=30000 then '7%'
```

```
    when a.initial_deposite>30000 then '10%'
```

```
end taxPercentage
```

```
from customer_personal_info c
```

```
join account_info a on c.customer_id=a.customer_id
```

```
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
order by c.customer_id;
```

```
-- Q27 Customer Account Details.
```

```
select a.customer_id,a.account_type,a.account_number,b.bank_name
```

```
from account_info a
```

```
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
order by a.customer_id;
```

```
-- 28 Customer interest details based on friend reference
```

```
select cri.customer_id,cpi.customer_name,cpi.guardian_name,cri.reference_acc_name
```



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```
from customer_reference_info cri
join customer_personal_info cpi on cri.customer_id=cpi.customer_id
where upper(cri.relation)='FRIEND'
order by cri.customer_id;
```

-- Q29 Customer interest details in specified format

```
select customer_id,account_no,concat('$',round(interest,0)) as INTEREST_AMT
from account_info
order by interest,customer_id;
```

-- Q30 Customer Details based on activation date.

```
select
cpi.customer_id,cpi.customer_name,a.account_no,a.account_type,a.activation_date,b.bank_name
from customer_personal_info cpi
join account_info a on cpi.customer_id=a.customer_id
join bank_info b on a.ifsc_code=b.ifsc_code
where a.activation_date='2022-04-10'
order by cpi.customer_id;
```

-- Q31 Customer details based on interest and deposit amount

```
select
a.account_no,cpi.customer_id,cpi.customer_name,b.bank_name,b.branch_name,b.ifsc_code,cpi.citizenship,
a.interest,a.initial_deposit
from customer_personal_info cpi
join account_info a on cpi.customer_id=a.customer_id
```



```
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
order by cpi.customer_id;
```

```
-- Q32 Customer details based on identification document
```

```
select
```

```
cpi.customer_id,cpi.customer_name,cpi.date_of_birth,cpi.guardian_name,cpi.cintact_no,cpi.mail_id,
```

```
cri.reference_acc_name
```

```
from customer_personal_info cpi
```

```
join customer_reference_info cri on cpi.customer_id=cri.customer_id
```

```
where upper(cpi.identification_doc_type)='PASSPORT'
```

```
order by cpi.customer_id;
```

```
-- Q33 Customer details who all having account in bank
```

```
select cpi.customer_id,cpi.customer_name,a.account_no,a.account_type,b.bank_name
```

```
from customer_personal_info cpi
```

```
join account_info a on cpi.customer_id=a.customer_id
```

```
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
order by cpi.customer_id;
```

```
-- Q34 Customer details based on reference string
```

```
select customer_id,customer_name,gender,marital_status,
```

```
concat(customer_name,'_',gender,'_',marital_status) as UNIQUE_REF_STRING
```

```
from customer_personal_info
```

```
order by customer_id desc;
```



```
-- Q35 Customer details based on deposit amount range  
select account_no,customer_id,registration_date,intial_deposit  
from account_info  
where intial_deposit between 15000 and 25000  
order by account_no;
```

```
-- Q36 Customer account details based on account type  
select  
from customer_personal_info cpi  
join account_info a on cpi.customer_id=a.customer_id  
join bank_info b on a.ifsc_code=b.ifsc_code
```

```
select customer_id  
from account_info  
group by customer_id,account_type  
having Upper(account_type) = 'SAVINGS'
```

