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-- Tanuboddi Harinath Reddy -- DateTime -- Joins -- CreditCard Analysis
use creditcard;
select * from customerbase;
select DISTINCT(customerbase.cust_id) from customerbase
left join cardbase on cardbase.cust_id =
customerbase.cust_id where cardbase.CUST_ID not like 'NULL';

select Cust_id, Age from Customerbase where (age>= 22 or customer_segment =
'Diamond
')and cust_id not in
(select cust_id from cardbase);

select customerbase.cust_id from customerbase where cust_id
not in (select distinct(cardbase.cust_id) from cardbase
inner join customerbase on
cardbase.cust_id = customerbase.cust_id);

select Customer_Segment, count(*) as "No_Of_Customer's"
from customerbase group by Customer_Segment;

select * from fraudbase;

select distinct(count(cust_ID)) from customerbase;
select distinct(count(cust_ID)) from cardbase;

select distinct(customerbase.cust_ID) from customerbase
join cardbase on cardbase.cust_ID != customerbase.cust_ID;

select distinct(customerbase.cust_id) from customerbase left join cardbase on
customerbase.cust_id = cardbase.cust_id;


select card_number,card_family,credit_limit,
sum(transactionbase.transaction_value),
rank() over (partition by Card_family
order by credit_limit desc) as rnk
from cardbase
inner join transactionbase on
cardbase.card_number = transactionbase.credit_card_id
group by cardbase.card_number;

select * from transactionbase;

select count(*) as Total_Transactions, Month(Transaction_Date) from
TransactionBase
group by Month(Transaction_Date) order by Count(*);

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