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SQL mini project

Insurance

create table Claim(

claim\_id\_number serial PRIMARY KEY,

claim\_receipt\_date character varying,

claim\_description character varying,

claimant\_birth\_date character varying,

law\_suit\_indicator character varying,

claimant\_last\_name character varying,

policy\_number character varying,

claimant\_occupation character varying,

loss\_date character varying,

claim\_paid\_amount character varying,

claim\_paid\_date character varying

);

select\*from claim;

-- I manually typed in the data. The insert function or copy could also be used.

create table customer(

customer\_id\_number serial PRIMARY KEY,

customer\_first\_name character varying,

customer\_last\_name character varying,

customer\_type character varying,

business\_name character varying,

address\_street\_name1 character varying,

address\_street\_name2 character varying,

address\_city character varying,

address\_state character varying,

address\_postal\_code character varying,

address\_type character varying,

customer\_birth\_date character varying,

risk\_score character varying

);

select\*from customer;

-- I manually typed in the data. The insert function or copy could also be used.

--Questions

--1. Inner join common columns between claim and customer.

select claim.claimant\_first\_name, customer.customer\_first\_name from claim

inner join customer

on claim.claimant\_first\_name = customer.customer\_first\_name;

--2. Select columns in customer where values are not null

select customer\_id\_number,customer\_first\_name,customer\_last\_name,customer\_type,business\_name,address\_street\_name1,address\_street\_name2,address\_city,address\_state,address\_postal\_code,address\_type,customer\_birth\_date,risk\_score

from customer

where business\_name is not null

and address\_street\_name1 is not null

and customer\_birth\_date is not null;

--3. Select residential claimants who received claim amount of more than 8000.00.

select distinct claimant\_first\_name, claimant\_last\_name,claim\_paid\_amount, address\_type from claim, customer

where claim\_paid\_amount>='7000.00' and address\_type = 'Residential';

--4. Select maximum amount of claim paid. Group by customer first name and last name.

select distinct max(claim\_paid\_amount), claim\_id\_number,customer\_first\_name, customer\_last\_name from claim, customer

Group by claim\_id\_number, customer\_first\_name,customer\_last\_name;

--5. From claim, order first name and city by descending order and loss date from claim by ascending order.

select distinct customer\_first\_name, address\_city,loss\_date

from customer, claim

order by customer\_first\_name, address\_city desc, loss\_date asc;