select a.area\_name,f.vict\_sex,count(f.vict\_descent)

from fact f

inner join AREA\_OF\_CRIME a

on f.area\_id = a.area\_id

Group by CUBE(a.AREA\_NAME,f.vict\_sex)

order by count(f.vict\_descent) desc;

select a.area\_name,f.vict\_sex,C.crm\_cd\_desc,count(C.crm\_id) as Number\_of\_Crimes

from fact f

inner join AREA\_OF\_CRIME a

on f.area\_id = a.area\_id

inner join Crime\_info C

on f.crm\_id = C.crm\_id

Group by CUBE(a.AREA\_NAME,f.vict\_sex,C.crm\_cd\_desc)

order by count(C.crm\_id) desc;

select Weapon\_DESC, count(WEAPON\_USED\_ID) from Crime\_DATA\_TF C

inner join Date\_information D

on C.id = D.id

where year\_occ = 2021 and WEAPON\_DESC!='NULL'

group by Weapon\_DESC

order by count(WEAPON\_USED\_ID) desc;

select count(STATUS\_DESC) as Investigation\_pending from fact f

inner join Crime\_status Cs

on f.Crime\_status = Cs.Crime\_status

inner join Date\_information d

on d.ID = f.ID

where STATUS\_DESC = 'Invest Cont' and Year\_occ = 2021;

select Status\_desc,count(STATUS\_DESC) as Number\_of\_Crime\_statuses

from crime\_data\_TF C

inner join Date\_information d

on d.ID = C.ID

where Year\_occ = 2021

group by C.Status\_desc

order by count(STATUS\_DESC) desc;

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select C.area\_name,VS.VICT\_SEX\_DESC,count(VD.vict\_descent)

from crime\_data\_TF C

inner join VICTIM\_descent VD

on C.VICT\_DESCENT = VD.VICT\_DESCENT

inner join VICTIM\_SEX VS

on C.VICT\_SEX = VS.VICT\_SEX\_CODE

Group by CUBE(AREA\_NAME,VICT\_SEX\_DESC)

order by count(VD.vict\_descent) desc;

CREATE OR REPLACE TABLE Victim\_details LIKE Victim;

CREATE OR REPLACE SEQUENCE u;

ALTER TABLE Victim

ADD COLUMN id int primary key DEFAULT u.nextval;

INSERT INTO Victim

SELECT DR\_NO,vict\_age, vict\_sex,vict\_Descent,u.nextval

FROM crime\_data\_transformed;

select \* from Victim;

//Location

//-------------------------------------------------------------------------------------------------------------------

create or replace table Location\_details (location string, Cross\_street string,Latitude float,Longitude float);

CREATE OR REPLACE SEQUENCE k;

ALTER TABLE Location\_details

ADD COLUMN id int primary key DEFAULT k.nextval;

INSERT INTO Location\_details

SELECT location, Cross\_street,Latitude,Longitude, k.nextval

FROM crime\_data\_transformed;

select location, Cross\_street,Latitude,Longitude from crime\_data\_transformed;

select \* from Location\_details;

//---------------------------------------------------------------

//Date\_Information

//-----------------------------------------------------------------------------------------------------

select min(date\_rptd), max(date\_rptd) from crime\_data\_transformed;

create or replace table Date\_info (Date\_OCC DATE, Month\_OCC integer,Month\_name\_occ string,Year\_OCC integer,

Quarter\_occ integer,Quarter\_name\_occ string,Date\_RPTD DATE);

CREATE OR REPLACE TABLE Date\_Information LIKE Date\_info;

CREATE OR REPLACE SEQUENCE m;

ALTER TABLE Date\_Information

ADD COLUMN id int primary key DEFAULT m.nextval;

INSERT INTO Date\_Information

SELECT \*, m.nextval

FROM Date\_info;