**SQL Project**

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Link:

**Dataset 1:** 39\_Specific\_purpose\_of\_kidnapping\_and\_abduction

**Q 1.** What is the major reason people being kidnapped in each and every state?

Ans: for marriage, for other purposes & for ransom

--creating a table "purpose\_of\_kidnap" in which total cases of all states category(Group\_Name)-wise from year 2001 to 2010

--is presen twithout category "Kidnap - Total"

Queries used:

create table purpose\_of\_kidnap as SELECT Area\_Name, Group\_Name,

sum(K\_A\_Grand\_Total) as total\_cases FROM Specific\_purpose\_of\_kidnapping\_and\_abduction

where group\_name not like "%Total"

group by area\_name,group\_name;

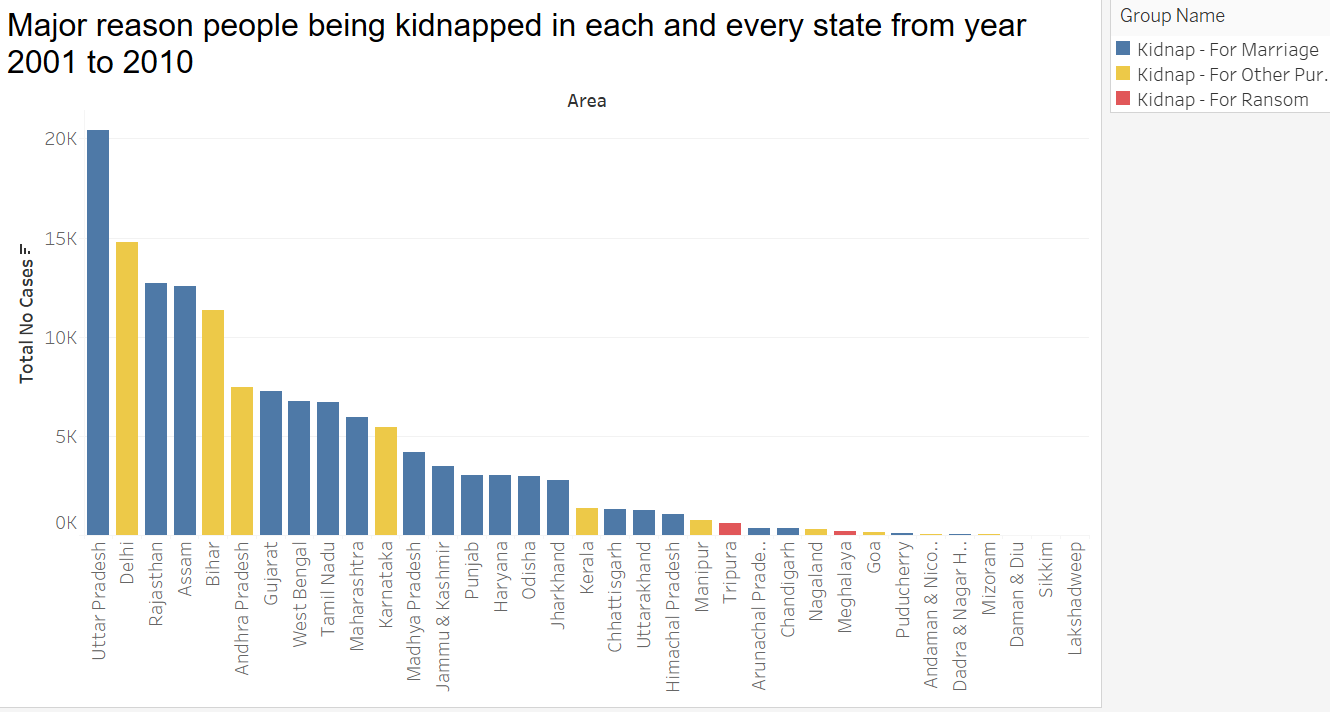
--this is the code for major reason people being kidnapped in each and every state

select DISTINCT(max(area\_name)) as area, group\_name, max(total\_cases) as total\_no\_cases from purpose\_of\_kidnap

group by area\_name

order by total\_cases desc;

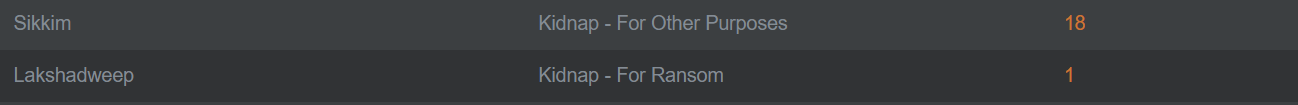
Output:











**Dataset 2:** 25\_Complaints\_against\_police

**Q 2.** Which state has more number of complaints against police?

Ans: Madhya Pradesh

-- changed names for two columns as they were giving error

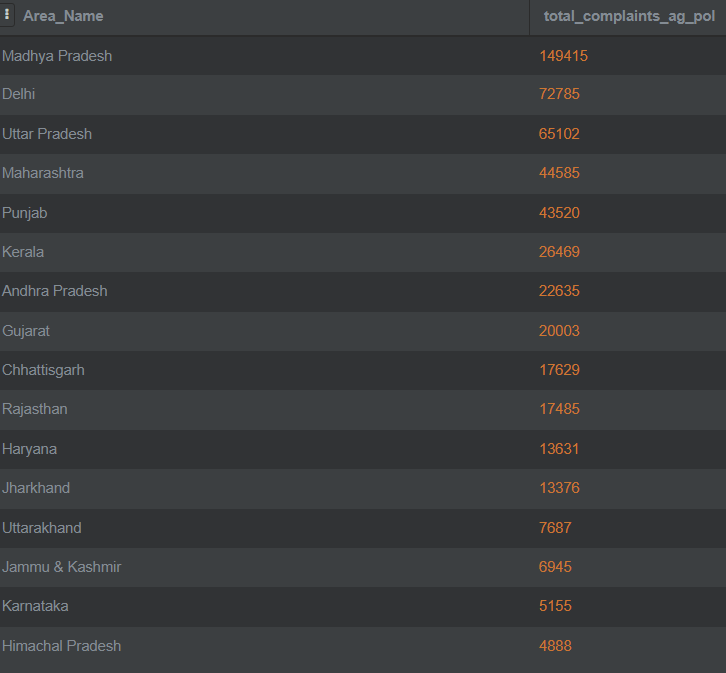
-- number of cases and complaints against police from year 2001 to 2010 in each state of india.

Queries used:

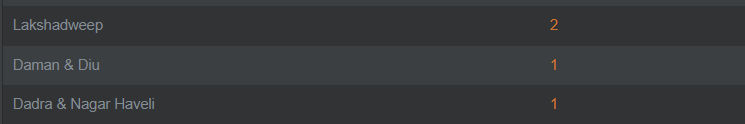
select area\_name, sum(complaints\_received) as total\_complaints\_ag\_pol

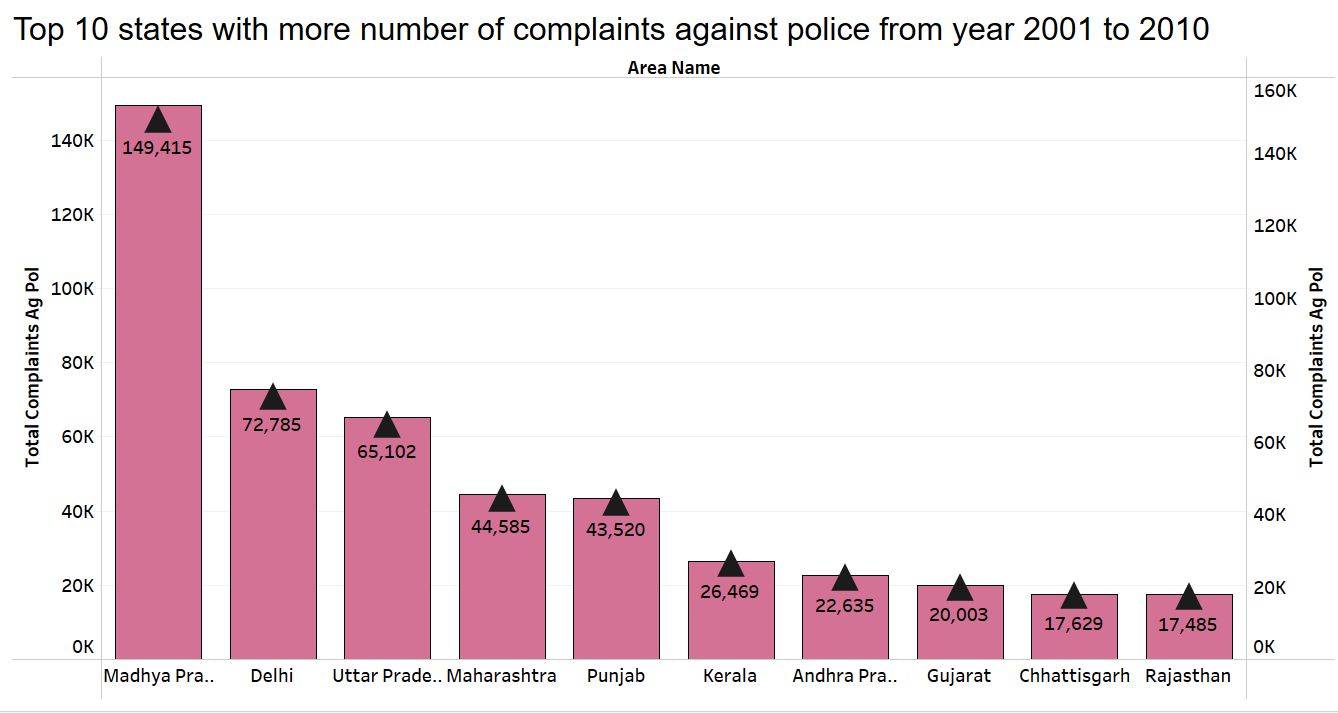
from Complaints\_against\_police group by area\_name order by total\_complaints\_ag\_pol desc;

Output:









**Dataset 3:** 24\_Anti\_corruption\_arrests & 23\_Anti\_corruprion\_cases

**Q 3.** Anti corruption cases vs arrests

Ans:

--created table “a\_vs\_c\_pres\_year”

--then created table “cases\_arrest\_2001\_2010” for better analysis

Queries used:

Create table a\_vs\_c\_pres\_year as

SELECT c.area\_name, c.ac02\_no\_of\_cases\_registered\_during\_the\_year as cases\_registered,

c.ac03\_total\_no\_of\_cases\_for\_investigation\_during\_the\_year as cases\_for\_investigation,

c.ac04\_no\_of\_cases\_investigated\_during\_the\_year as cases\_investigated,

c.ac20\_total\_no\_of\_cases\_for\_trial\_during\_the\_year as cases\_for\_trial,

c.ac22\_no\_of\_cases\_in\_which\_trials\_were\_completed\_during\_the\_year as case\_completed\_trials,

a.aca02\_no\_of\_persons\_arrested\_during\_the\_year as persons\_arrested,

a.aca06\_no\_of\_persons\_under\_trial\_at\_the\_beginning\_of\_the\_year as persons\_under\_trial,

a.aca10\_no\_of\_persons\_in\_whose\_cases\_trials\_were\_completed\_during\_the\_year as persons\_whose\_cases\_trials\_completed,

a.ACA11\_No\_of\_persons\_convicted\_during\_the\_year as persons\_convicted

from Anti\_corruprion\_cases c join Anti\_corruption\_arrests a on c.area\_name= a.area\_name and c.year= a.year

GROUP by c.Area\_Name, c.year order by c.area\_name;

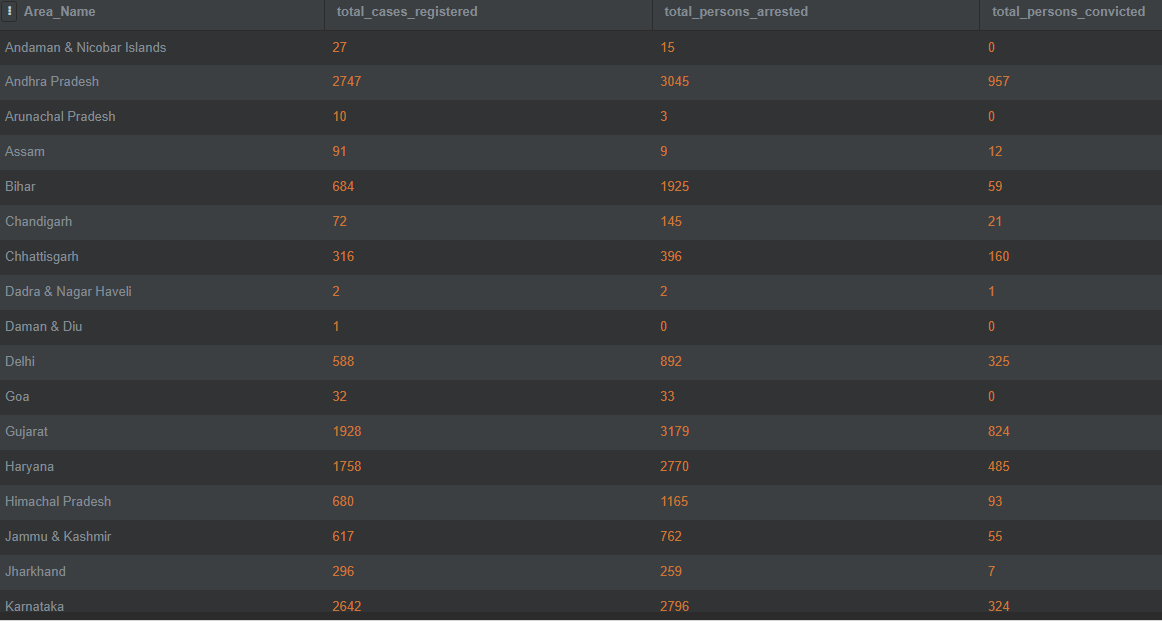
create table cases\_arrest\_2001\_2010 as select area\_name,sum(cases\_registered) as total\_cases\_registered,

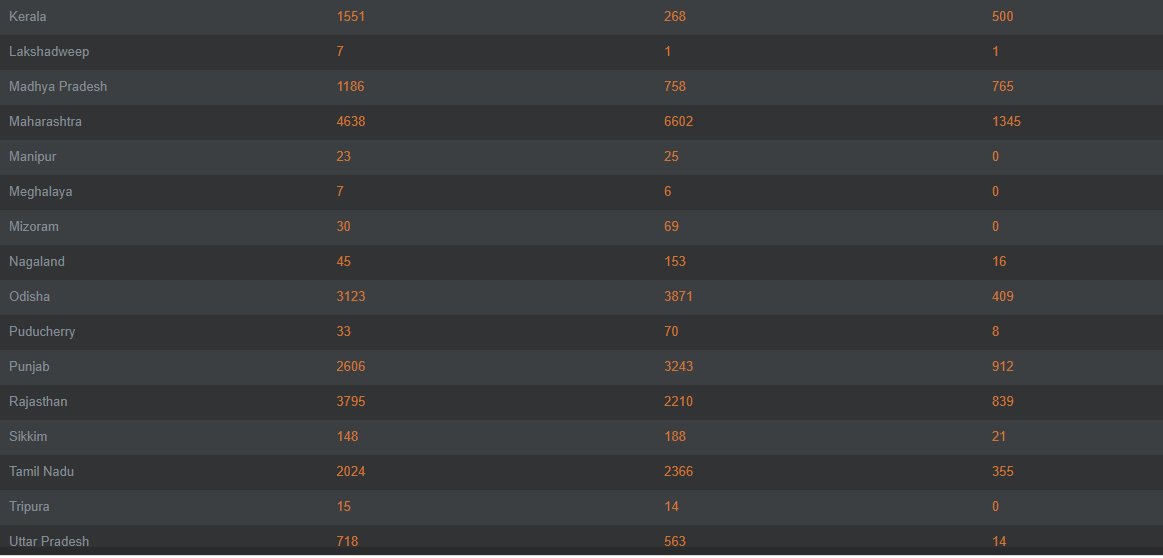
sum(persons\_arrested) as total\_persons\_arrested,

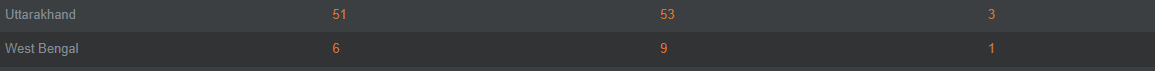
sum(persons\_convicted) as total\_persons\_convicted

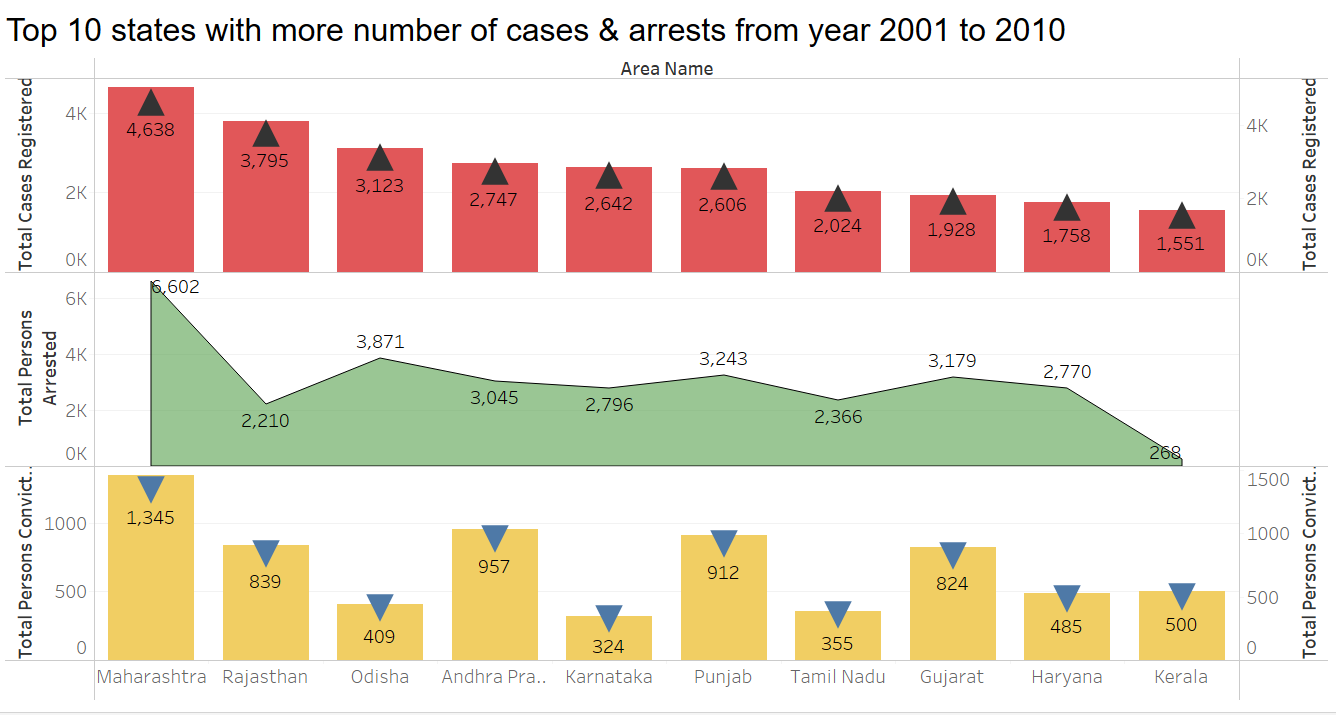
from a\_vs\_c\_pres\_year group by area\_name;

select \* from cases\_arrest\_2001\_2010;









**Dataset 4:** Which state has more crime against children and women

**Q 4.** Which state has more crime against children and women?

Ans: Andhra Pradesh

Queries used:

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ALTER TABLE District\_wise\_crimes\_committed\_against\_children\_2013

RENAME COLUMN "STATE/UT+RA1:O2" TO states\_ut;

ALTER TABLE District\_wise\_crimes\_committed\_against\_children\_2001\_2012

RENAME COLUMN "STATE/UT" TO states\_ut;

\*/

/\*

CREATE TABLE District\_wise\_crimes\_committed\_against\_children\_2001\_2013 as

SELECT states\_ut, total FROM District\_wise\_crimes\_committed\_against\_children\_2013

UNION

SELECT states\_ut,total FROM District\_wise\_crimes\_committed\_against\_children\_2001\_2012;

\*/

-- SELECT states\_ut, sum(total) as total\_no\_crimes\_against\_children from District\_wise\_crimes\_committed\_against\_children\_2001\_2013 group by states\_ut;

/\*

ALTER TABLE District\_wise\_crimes\_committed\_against\_women\_2001\_2012

RENAME COLUMN "STATE/UT" TO states\_ut;

ALTER TABLE District\_wise\_crimes\_committed\_against\_women\_2013

RENAME COLUMN "STATE/UT" TO states\_ut;

ALTER TABLE District\_wise\_crimes\_committed\_against\_women\_2014

RENAME COLUMN "STATE/UT" TO states\_ut;

\*/

/\*

CREATE TABLE District\_wise\_crimes\_committed\_against\_women\_2001\_2014 as

SELECT states\_ut,total FROM District\_wise\_crimes\_committed\_against\_women\_2001\_2012

UNION

SELECT states\_ut,total FROM District\_wise\_crimes\_committed\_against\_women\_2013

UNION

SELECT states\_ut,total FROM District\_wise\_crimes\_committed\_against\_women\_2014;

\*/

/\*

CREATE TABLE crimes\_against\_children\_women as

SELECT states\_ut, sum(total) as total\_no\_crimes\_against\_children\_women from District\_wise\_crimes\_committed\_against\_children\_2001\_2013

UNION

SELECT states\_ut, sum(total) as total\_no\_crimes\_against\_children\_women from District\_wise\_crimes\_committed\_against\_women\_2001\_2014

group by states\_ut;

\*/

select states\_ut, sum(total\_no\_crimes\_against\_children\_women) from crimes\_against\_children\_women group by states\_ut ORDER by sum(total\_no\_crimes\_against\_children\_women) DESC;

Output:

