

INSURANCE DATABASE

```
create database ins;
```

```
use ins;
```

```
CREATE TABLE person (  
    driver_id VARCHAR(30) PRIMARY KEY,  
    nam VARCHAR(30),  
    address VARCHAR(30)  
);
```

```
CREATE TABLE accident (  
    report_number INT PRIMARY KEY,  
    dat DATE,  
    location VARCHAR(30)  
);
```

```
CREATE TABLE car (  
    regno VARCHAR(30),  
    model VARCHAR(30),  
    yea INT  
);
```

```
alter table car  
add primary key(regno);
```

```
CREATE TABLE owns (  
    driver_id VARCHAR(30),  
    regno VARCHAR(30),  
    FOREIGN KEY (driver_id)  
        REFERENCES person (driver_id)  
        ON DELETE SET NULL ON UPDATE CASCADE,  
    FOREIGN KEY (regno)  
        REFERENCES car (regno)  
        ON DELETE SET NULL ON UPDATE CASCADE  
);
```

```

CREATE TABLE participated (
    driver_id VARCHAR(30),
    regno VARCHAR(30),
    report_number INT,
    dam INT,
    FOREIGN KEY (driver_id)
        REFERENCES person (driver_id)
        ON UPDATE CASCADE ON DELETE SET NULL,
    FOREIGN KEY (regno)
        REFERENCES car (regno)
        ON UPDATE CASCADE ON DELETE SET NULL,
    FOREIGN KEY (report_number)
        REFERENCES accident (report_number)
        ON UPDATE CASCADE ON DELETE SET NULL
);

```

```

insert into person(driver_id,nam,address)
values('A01','Hari','Karnataka'),('A02','Saquib','Jharkhand'),('A03','Praveen','Andhra Pradesh'),('A0','Ashwin','Tamil Nadu'),('A05','Jadega','Gujarat'),('A06','KL RAHUL','Karnataka');

```

```

insert into car(regno,model,yea)
values('KA37','MAHINDRA',2008),('KA35','SKODA',2008),('KA36','MARUTI',2009),('KA39','RENAULT',2010),('KA38','Honda',2012),('KA30','HYUNDAI',2014);

```

```

insert into accident(report_number,dat,location) values(12,'2008-10-11','Koppal'),(13,'2008-11-19','Hubli'),(14,'2008-08-11','Kolkata'),(15,'2008-08-08','Delhi'),(16,'2008-07-07','Bengaluru'),(17,'2008-06-05','Mumbai');

```

```

insert into owns(driver_id,regno)
values('A01','KA37'),('A02','KA35'),('A03','KA36'),('A0','KA39'),('A05','KA38'),('A06','KA30');

```

```

insert into participated(driver_id,regno,report_number,dam)
values('A01','KA37',12,2000),('A02','KA35',13,1500),('A03','KA36',14,2000),('A0','KA39',15,2500),('A05','KA38',16,3000),('A06','KA30',17,4000);

```





























```
SELECT * FROM person;
```

✓ Showing rows 0 - 6 (7 total, Query took 0.0015 seconds.)

```
SELECT * FROM person
```

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

				driver_id	nam	address
<input type="checkbox"/>		 Edit	 Copy	 Delete	A0	Ashwin Tamil Nadu
<input type="checkbox"/>		 Edit	 Copy	 Delete	A01	Hari Karnataka
<input type="checkbox"/>		 Edit	 Copy	 Delete	A02	Saquib Jharkhand
<input type="checkbox"/>		 Edit	 Copy	 Delete	A03	Praveen Andhra Pradesh
<input type="checkbox"/>		 Edit	 Copy	 Delete	A05	Jadega Gujarat
<input type="checkbox"/>		 Edit	 Copy	 Delete	A06	KL RAHUL Karnataka
<input type="checkbox"/>		 Edit	 Copy	 Delete	A09	Hari K Karnataka























```
SELECT * FROM car;
```

✓ Showing rows 0 - 6 (7 total, Query took 0.0026 seconds.)

SELECT * FROM car

☐ Show all | Number of rows: 25 ▼ Filter rows: Search th

+ Options

		regno	model	yea
<input type="checkbox"/>	 Edit  Copy  Delete	KA30	HYUNDAI	2014
<input type="checkbox"/>	 Edit  Copy  Delete	KA31	MARUTI	2008
<input type="checkbox"/>	 Edit  Copy  Delete	KA35	SKODA	2008
<input type="checkbox"/>	 Edit  Copy  Delete	KA36	MARUTI	2009
<input type="checkbox"/>	 Edit  Copy  Delete	KA37	MAHINDRA	2008
<input type="checkbox"/>	 Edit  Copy  Delete	KA38	Honda	2012
<input type="checkbox"/>	 Edit  Copy  Delete	KA39	RENAULT	2010

























SELECT * FROM accident;

✓ Showing rows 0 - 7 (8 total, Query took 0.0010 seconds.)

SELECT * FROM accident

☐ Show all | Number of rows: 25 ▼ Filter rows: Search this table

+ Options

		report_number	dat	location
<input type="checkbox"/>	 Edit  Copy  Delete	12	2008-10-11	Koppal
<input type="checkbox"/>	 Edit  Copy  Delete	13	2008-11-19	Hubli
<input type="checkbox"/>	 Edit  Copy  Delete	14	2008-08-11	Kolkata
<input type="checkbox"/>	 Edit  Copy  Delete	15	2008-08-08	Delhi
<input type="checkbox"/>	 Edit  Copy  Delete	16	2008-07-07	Bengaluru
<input type="checkbox"/>	 Edit  Copy  Delete	17	2008-06-05	Mumbai
<input type="checkbox"/>	 Edit  Copy  Delete	18	2008-11-19	Koppal
<input type="checkbox"/>	 Edit  Copy  Delete	19	2000-11-19	Koppal

```
SELECT * FROM owns;
```

✓ Showing rows 0 - 5 (6 total, Query took 0.0

```
SELECT * FROM owns
```

☐ Show all | Number of rows: 25 ▼

+ Options

driver_id	regno
A01	KA37
A02	KA35
A03	KA36
A0	KA39
A05	KA38
A06	KA30

```
SELECT * FROM participated;
```

✓ Showing rows 0 - 1 (2 total, Query took 0.0130 seconds.) [dam: 4000

```
SELECT * FROM participated ORDER BY dam DESC
```

☐ Show all | Number of rows: 25 ▼ | Filter rows: Search

+ Options

driver_id	regno	report_number	dam ▼ 1
A06	KA30	17	4000
A05	KA38	16	3000

```
UPDATE participated SET dam = 2500 WHERE report_number = 12 AND regno = 'KA37';
```

```
insert into accident(report_number,dat,location) values(18,'2008-11-19','Koppal');
```

```
insert into accident(report_number,dat,location) values(19,'2000-11-19','Koppal');
```

```
insert into person(driver_id,nam,address) values('A09','Hari K','Karnataka');
```

```
insert into car(regno,model,yea) values('KA31','MARUTI',2008);
```

```
insert into participated(driver_id,regno,report_number,dam) values('A09','KA31',12,2000);
```

```
SELECT
```

```
    COUNT(DISTINCT driver_id) cnt
```

```
FROM
```

```
    participated a,
```

```
    accident b
```

```
WHERE
```

```
    b.report_number = b.report_number
```

```
    AND b.dat LIKE '%08';
```

Your SQL query has been executed successfully.

```
SELECT COUNT(DISTINCT driver_id) cnt FROM participated a, accident b WHERE b.report_number = b.report_number AND b.dat LIKE '%08'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create]

+ Options

cnt

7

```
SELECT
```

```
    COUNT(DISTINCT report_number) cn
```

```
FROM
```

```
    car x,
```

```
    participated y
```

```
WHERE
```

```
    y.regno = x.regno AND x.model = 'MARUTI';
```

Your SQL query has been executed successfully.

```
SELECT COUNT(DISTINCT report_number) cn FROM car x, participated y WHERE y.regno = x.regno AND x.model = 'MARUTI'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create]

+ Options

cn

2

SELECT

*

FROM

participated

ORDER BY dam DESC;

✓ Showing rows 0 - 6 (7 total, Query took 0.0021 seconds.) [dam: 4000... -

SELECT * FROM participated ORDER BY dam DESC

☐ Show all

Number of rows:

25



Filter rows:

Search t

+ Options

driver_id	regno	report_number	dam	▼ 1
A06	KA30	17	4000	
A05	KA38	16	3000	
A01	KA37	12	2500	
A0	KA39	15	2500	
A03	KA36	14	2000	
A09	KA31	12	2000	
A02	KA35	13	1500	

SELECT

AVG(dam) av

FROM

participated;

✓ Showing rows 0 - 0 (1 total, Query took 0.0012 seconds.)

SELECT AVG(dam) av FROM participated

☐ Show all

Number of rows:

25



Filter row

+ Options

av

2500.0000

```
SET SQL_SAFE_UPDATES=0;
```

```
DELETE FROM participated
```

```
WHERE
```

```
    dam <= 2500;
```

```
SELECT
```

```
    nam
```

```
FROM
```

```
    person p,
```

```
    participated q
```

```
WHERE
```

```
    p.driver_id = q.driver_id AND dam > 2500;
```

✓ Showing rows 0 - 1 (2 total, Query took 0.0020 seconds.)

```
SELECT nam FROM person p, participated q WHERE p.driver_id = q.driver_id AND dam > 2500
```

☐ Profiling

☐ Show all

Number of rows:

25 ▼

Filter rows:

Search this table

+ Options

nam

Jadega

KL RAHUL

SELECT

nam, dam

FROM

person p,

participated q

WHERE

p.driver_id = q.driver_id AND dam > 2500;

✓ Showing rows 0 - 1 (2 total, Query took 0.0022 seconds.)

SELECT nam, dam FROM person p, participated q WHERE p.driver_id = q.driver_id AND dam > 2500

☐ Profiling [E

☐ Show all

Number of rows:

25 ▼

Filter rows:

Search this table

+ Options

nam	dam
Jadega	3000
KL RAHUL	4000
