

```
create database giraffe;
```

```
show databases;
```

```
use giraffe;
```

```
show tables;
```

```
create table person
```

```
( driver_id char(10),
```

```
name varchar(25),
```

```
address varchar(40),
```

```
primary key(driver_id)
```

```
);
```

```
create table car(
```

```
reg_num char(10) primary key,
```

```
model varchar(15),
```

```
year int(4));
```

```
create table accident
```

```
(report_num int(10) primary key,
```

```
acc_date date,
```

```
location varchar(40));
```

```
create table owns
```

```
(driver_id char(10),
```

```
reg_num char(10),
```

```
primary key(driver_id,reg_num),
foreign key(driver_id) references person(driver_id) on delete cascade,
foreign key(reg_num) references car(reg_num) on delete cascade);
```

```
create table participated
(driver_id char(10) references person(driver_id),
reg_num char(10) references car(reg_num),
report_num int(10) references accident(report_num),
damage_amt int(14),
primary key( driver_id,reg_num,report_num));
```

```
insert into person values('A01','Richard','Srinivas nagar');
```

```
insert into person values('A02','Pradeep','Rajaji nagar'),('A03','Smith','Ashok
nagar'),('A04','Venu','N R Colony'),('A05','Jhon','Hanumanth nagar');
```

```
desc person;
```

```
insert into car
values('KA052250','Indica','1990'),('KA031181','Lancer',1957),('KA095477','
Toyota',1998),('KA053408',' Honda',2008),('KA041702',' Audi',2005);
```


```
insert into accident values(11,2003-01-01,'Mysore Road'),(12,2004-02-02,'South end
Circle'),(13,2003-01-21,'Bull temple Road'),(14,2008-02-17,'Mysore Road'),(15,2004-
03-05,'Kanakpura Road');
```


```
insert into owns
values('A01','KA052250'),('A02','KA053408'),('A03','KA031181'),('A04','KA095477'),('
A05','KA041702');
```

```
insert into participated
values('A01','KA052250',11,10000),('A02','KA053408',12,50000),('A03','KA095477',13,
25000),('A04','KA031181',14,3000),('A05','KA041702',15,5000);
```

select \* from person;

stuti\_insurance ×


Success (5 rows)  0 s 10:39 PM


Explore SQL **Data** Chart Export ⌵ 

	driver_id	name	address
1	A01	Richard	Srinivas nagar
2	A02	Pradeep	Rajaji nagar
3	A03	Smith	Ashok nagar
4	A04	Venu	N R Colony
5	A05	Jhon	Hanumanth nagar

select \* from car;

stuti\_insurance ×


Success (5 rows)  0.1 s 10:40 PM



Explore SQL **Data** Chart Export ⌵ 

	reg_num	model	year
1	KA031181	Lancer	1957
2	KA041702	Audi	2005
3	KA052250	Indica	1990
4	KA053408	Honda	2008
5	KA095477	Toyota	1998

select \* from accident;

**stuti\_insurance** ×


**Success** (5 rows)  0.1 s 10:41 PM



Explore SQL **Data** Chart Export  

	report_num	acc_date	location
1	11	2003-01-01	Mysore Road
2	12	2004-02-02	South end Circle
3	13	2003-01-21	Bull temple Road
4	14	2008-02-17	Mysore Road
5	15	2004-03-05	Kanakpura Road

select \* from owns;

**stuti\_insurance**


**Success** (5 rows)  0.1 s 10:4


Explore SQL **Data** Chart Export  

	driver_id	reg_num
1	A03	KA031181
2	A05	KA041702
3	A01	KA052250
4	A02	KA053408
5	A04	KA095477

select \* from participated;

stuti\_insurance ×

Success (5 rows)  0.1 s 10:49 PM

Explore SQL **Data** Chart Export ⌵ 


	driver_id	reg_num	report_num	damage_amt
1	A01	KA052250	11	10000
2	A02	KA053408	12	50000
3	A03	KA095477	13	25000
4	A04	KA031181	14	3000
5	A05	KA041702	15	5000


## WEEK 1

### Queries

1)select acc\_date , location from accident;

stuti\_insurance ×

Success (5 rows)  0.1 s 10:51 PM

Explore SQL **Data** Chart Export ⌵ 


	acc_date	location
1	2003-01-01	Mysore Road
2	2004-02-02	South end Circle
3	2003-01-21	Bull temple Road
4	2008-02-17	Mysore Road
5	2004-03-05	Kanakpura Road



2)update participated set damage\_amt=25000

where reg\_num='KA053408' and report\_num=12;

select \* from participated;

stuti\_insurance ×

Success (5 rows)  0.2 s 10:54 PM


Explore SQL **Data** Chart Export  



	driver_id	reg_num	report_num	damage_amt
1	A01	KA052250	11	10000
2	A02	KA053408	12	25000
3	A03	KA095477	13	25000
4	A04	KA031181	14	3000
5	A05	KA041702	15	5000

3) insert into accident values(16,'2008-03-08','Domlur');

select \* from accident;

stuti\_insurance ×

Success (6 rows)  0.2 s 10:56 PM


Explore SQL **Data** Chart Export  


	report_num	acc_date	location
1	11	2003-01-01	Mysore Road
2	12	2004-02-02	South end Circle
3	13	2003-01-21	Bull temple Road
4	14	2008-02-17	Mysore Road
5	15	2004-03-05	Kanakpura Road
6	16	2008-03-08	Domlur

4)select \* from participated

where damage\_amt between 5000 and 25000;

stuti\_insurance ×

Success (4 rows)  0.2 s 10:57 PM


Explore SQL **Data** Chart Export ▼ 


	driver_id	reg_num	report_num	damage_amt
1	A01	KA052250	11	10000
2	A02	KA053408	12	25000
3	A03	KA095477	13	25000
4	A05	KA041702	15	5000

5)select \* from car

where model='Honda' or year between 1990 and 1998;

stuti\_insurance ×

Success (2 rows)  0.2 s 10:59 PM


Explore SQL **Data** **Chart** Export ▼ 


	reg_num	model	year
1	KA052250	Indica	1990
2	KA095477	Toyota	1998

6.select \* from person

where name like '%d%';

stuti\_insurance ×

Success (2 rows)  0.1 s 11:00 PM


Explore SQL **Data** Chart Export ▼ 



	driver_id	name	address
1	A01	Richard	Srinivas nagar
2	A02	Pradeep	Rajaji nagar

7)select \* from owns

where reg\_num not in('KA053408','KA095477');

stuti\_insurance ×


Success (3 rows)  0.2 s 11:02 PM



Explore SQL **Data** Chart Export  

	driver_id	reg_num
1	A03	KA031181
2	A05	KA041702
3	A01	KA052250

8)select \* from participated where damage\_amt>=10000;

stuti\_insurance ×

Success (3 rows)  0.2 s 11:03 PM



Explore SQL **Data** Chart Export  

	driver_id	reg_num	report_num	damage_amt
1	A01	KA052250	11	10000
2	A02	KA053408	12	25000
3	A03	KA095477	13	25000

## WEEK 2

1)select \* from car

order by year asc;

Result Grid   Filter Rows:

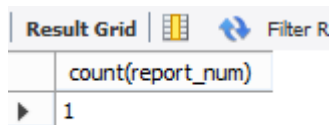
	reg_num	model	year
▶	KA031181	Lancer	1957
	KA052250	Indica	1990
	KA095477	Toyota	1998
	KA041702	Audi	2005
	KA053408	Honda	2008
★	NULL	NULL	NULL

2)select count(report\_num)

from car c, participated p



where c.reg\_num = p.reg\_num and c.model='Lancer';



The screenshot shows a database interface with a toolbar containing 'Result Grid', a grid icon, and a 'Filter R' button. Below the toolbar is a table with one column labeled 'count(report\_num)' and one row with the value '1'.

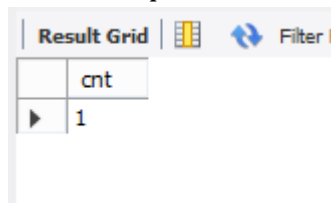
count(report_num)
1

3)

select count(distinct driver\_id) cnt

from participated a, accident b

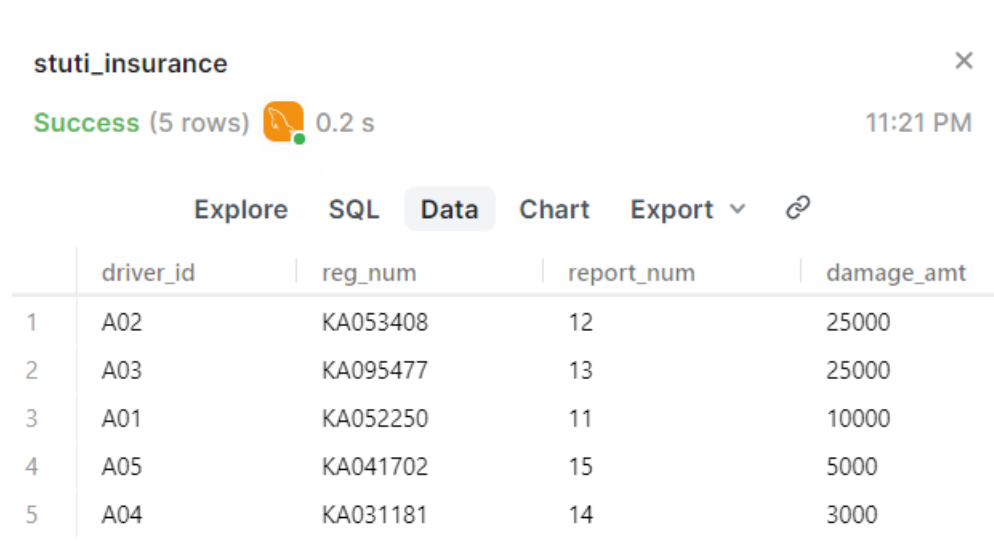
where a.report\_num= b.report\_num and b.acc\_date like '\_\_08%';



The screenshot shows a database interface with a toolbar containing 'Result Grid', a grid icon, and a 'Filter I' button. Below the toolbar is a table with one column labeled 'cnt' and one row with the value '1'.

cnt
1

4) select \* from participated order by damage\_amount desc;




The screenshot shows a database interface with a table named 'stuti\_insurance'. The table has 5 rows and 4 columns: driver\_id, reg\_num, report\_num, and damage\_amt. The table is displayed in a 'Data' view, with tabs for 'Explore', 'SQL', 'Data', 'Chart', and 'Export'. The table is sorted by damage\_amt in descending order.


	driver_id	reg_num	report_num	damage_amt
1	A02	KA053408	12	25000
2	A03	KA095477	13	25000
3	A01	KA052250	11	10000
4	A05	KA041702	15	5000
5	A04	KA031181	14	3000

5) select avg(damage\_amt)

from participated;

stuti\_insurance ×


Success (1 row)  0.2 s 11:22 PM


Explore SQL **Data** Chart Export ⌵ 

	avg(damage_amt)
1	13600.0000

6) delete from participated where damage\_amt < (select t.amt from (select avg(damage\_amt) amt from participated) t);  
select \* from participated;

stuti\_insurance ×


Success (2 rows)  0.2 s 11:25 PM


Explore SQL **Data** Chart Export ⌵ 

	driver_id	reg_num	report_num	damage_amt
1	A02	KA053408	12	25000
2	A03	KA095477	13	25000

7) select name from person where driver\_id in (select driver\_id from participated where damage\_amt in (select avg(damage\_amt) from participated));

stuti\_insurance ×

Success (2 rows)  0.2 s 11:28 PM


Explore SQL **Data** Chart Export ⌵ 

	name
1	Pradeep
2	Smith


8) select max(damage\_amt)  
from participated;

stuti\_insurance

×

Success (1 row)  0.4 s

11:30 PM

Explore SQL **Data** Chart Export  

	max(damage_amt)
1	25000

spot query

```
insert into participated values('A04','KA031181',14,3000),('A05','KA041702',15,5000);
```

```
select per.name,c.model,p.damage_amt from person per,car c,participated  
p,accident a where per.driver_id=p.driver_id and c.reg_num=p.reg_num and  
a.report_num=p.report_num and a.location='Mysore road';
```

	name	model	damage_amt
▶	Richard	Indica	10000
	Venu	Lancer	3000