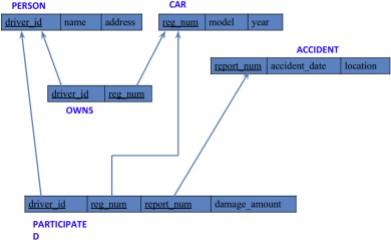


## **More Queries on Insurance Database**

### **Question (Week 2)**

* PERSON (driver\_id: String, name: String, address: String)
* CAR (reg\_num: String, model: String, year: int)
* ACCIDENT (report\_num: int, accident\_date: date, location: String)
* OWNS (driver\_id: String, reg\_num: String)
* PARTICIPATED (driver\_id: String,reg\_num: String, report\_num: int, damage\_amount: int)
* Create the above tables by properly specifying the primary keys and the foreign keys. **-** Enter at least five tuples for each relation
* Display Accident date and location
* Update the damage amount to 25000 for the car with a specific reg\_num (example 'K A031181' ) for which the accident report number was 12.
* Add a new accident to the database.
* To Do
* Display Accident date and location
* Display driver\_id who did accident with damage amount greater than or equal to Rs.25000

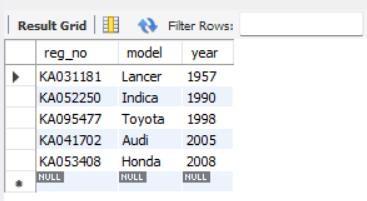
### **Schema Diagram**



**Queries**

###### **Display the entire CAR relation in the ascending order of manufacturing year.**

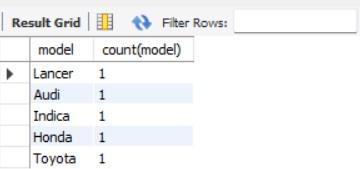
select \* from car **order by** year asc;



###### **Find the number of accidents in which cars belonging to a specific model (example 'Lancer') were involved.**

select model, **count**(**model**) **from** participated, car **where** participated.reg\_no = car.reg\_no

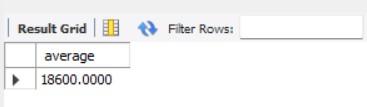
**group by** model;



**TO DO:**

##### **FIND THE AVERAGE DAMAGE AMOUNT**

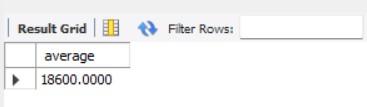
**select avg**(damage\_amout) **as** average **from** participated;



##### **DELETE THE TUPLE WHOSE DAMAGE AMOUNT IS BELOW THE AVERAGE DAMAGE AMOUNT**

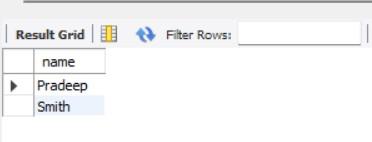
**delete from** participated **where** damage\_amt < (select \* from (select

**avg**(damage\_amount) **from** participated) **as** average);



##### **LIST THE NAME OF DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE DAMAGE AMOUNT.**

**select** name from person, participated **where** person.driver\_id = participated.driver\_id and participated.damage\_amount > (select **avg**(damage\_amount) from participated);



##### **FIND MAXIMUM DAMAGE AMOUNT.**

**select max**(damage\_amount) **from** participated;

