**More Queries on Insurance Database**

**Question**

**(Week 02)**

**-** 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.

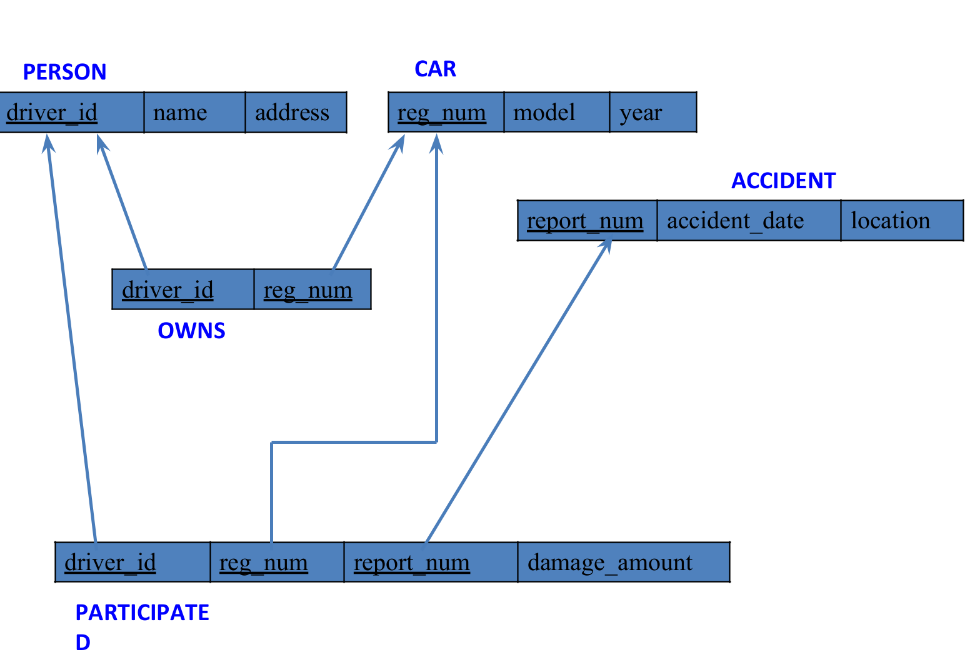
**-** Add a new accident to the database.

**-** To Do

**-** Display Accident date and location

**-** Display driver\_id who did accident with damage amount greater than or equal to Rs.25000

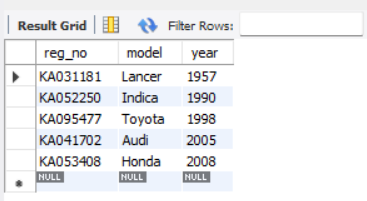
**Schema Diagram**

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**Queries**

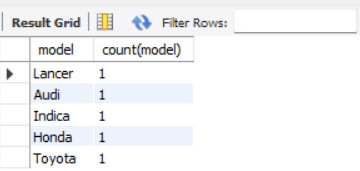
**● Display the entire CAR relation in the ascending order of manufacturing year.**

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



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

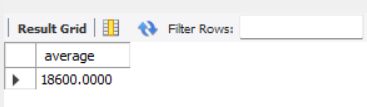
select model, **count**(**model**) **from** participated, car **where** participated.reg\_no = car.reg\_no **group by** model;



**TO DO:**

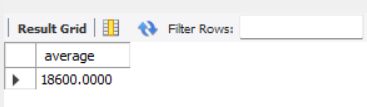
**● FIND THE AVERAGE DAMAGE AMOUNT**

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



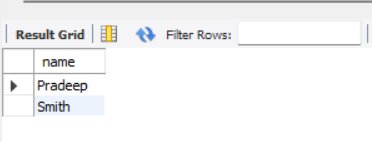
**● DELETE THE TUPLE WHOSE DAMAGE AMOUNT IS BELOW THE AVERAGE DAMAGE AMOUNT**

**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;

