**LAB -2**

**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)

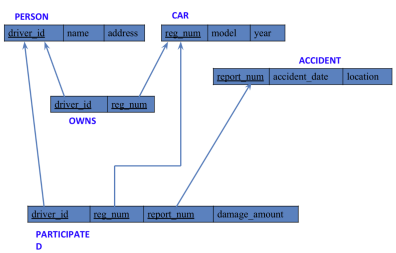
- Display the entire CAR relation in the ascending order of manufacturing year.

- Find the number of accidents in which cars belonging to a specific model (example

'Lancer') were involved.

- Find the total number of people who owned cars that were involved in accidents in 2008.

**Schema Diagram**

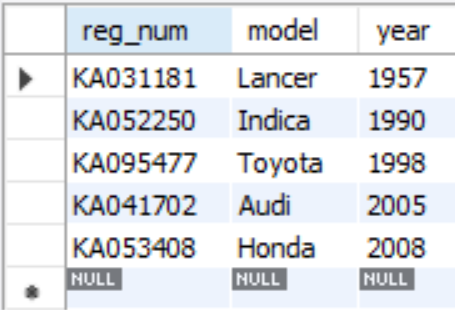
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**Queries**

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

select \* from car\_101

order by year asc;



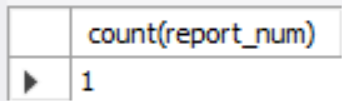
**● Find the number of accidents in which cars belonging to a specific model**

**(example 'Lancer') were involved.**

select count(report\_num)

from car\_101, participitated\_101

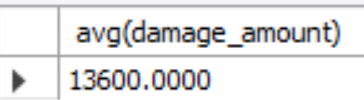
where car\_101.reg\_num=participitated\_101.reg\_num and car\_101.model='Lancer';



**TO DO:**

**● Find the average damage amount**

select avg(damage\_amount) from participitated\_101;

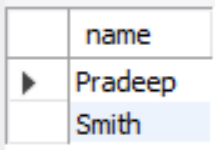


**● Delete the tuple whose damage amount is below the average damage amount**

select name

from person\_101, participitated\_101

where person\_101.driver\_id = participitated\_101.driver\_id and participitated\_101.damage\_amt > (select avg(damage\_amount) from participitated\_101);



**● Find maximum damage amount.**

select max(damage\_amount) from participitated\_101;

