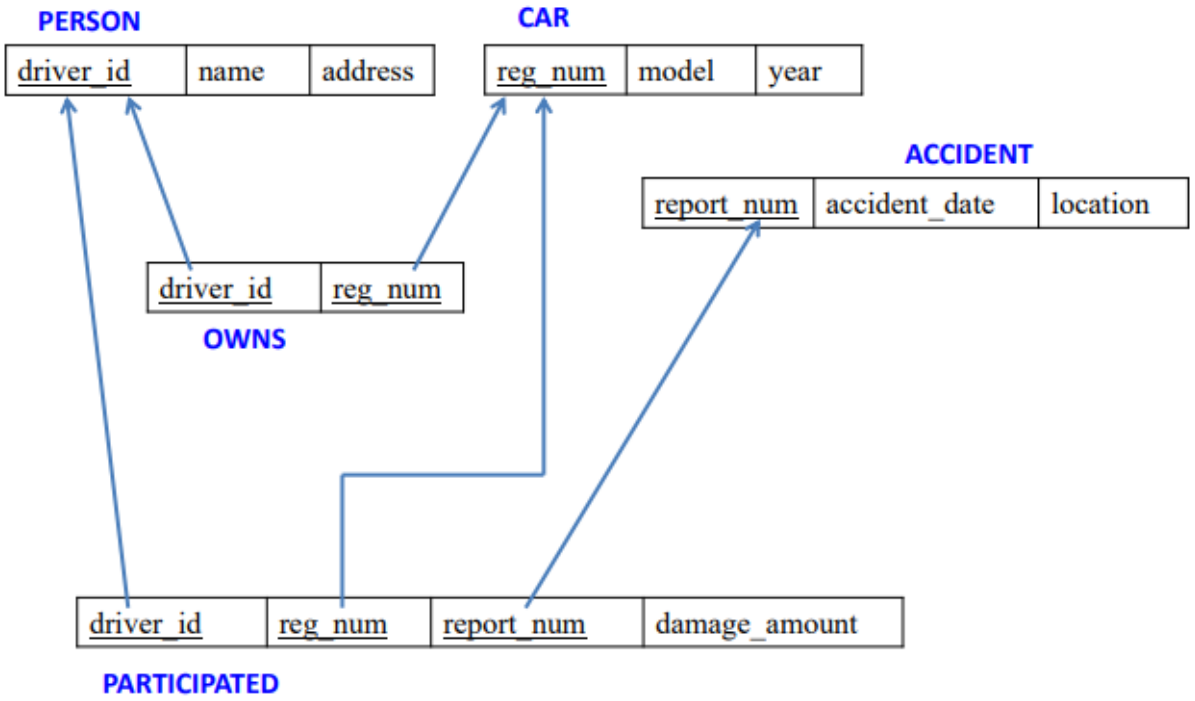
Week 2

More Queries on

INSURANCE DATABASE



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

   select * from car
   order by year asc;

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

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

   select count(model) from car, participated
   where car.reg_num=participated.reg_num and car.model="Lancer";

	count(model)
▶	1

3. **Find the total number of people who owned cars that involved in accidents in 2008.**

```
select count(accident_date) from accident
where accident_date like '2008%';
```

	count(accident_date)
▶	1

4. **List the Entire Participated Relation in the Descending Order Of Damage Amount.**

```
select * from participated
order by damage_amount desc;
```

	driver_id	reg_num	report_num	damage_amount
▶	A02	KA053408	12	50000
	A03	KA095477	13	25000
	A01	KA052250	11	10000
	A05	KA041702	15	5000
	A04	KA031181	14	3000
*	NULL	NULL	NULL	NULL

5. **Find the Average Damage Amount**

```
select avg(damage_amount) from participated;
```

	avg(damage_amount)
▶	18600.0000

6. **Delete the Tuple Whose Damage Amount is below the Average Damage Amount**

```
delete from participated
where damage_amount < 18600;

select * from participated ;
```

	driver_id	reg_num	report_num	damage_amount
▶	A02	KA053408	12	50000
	A03	KA095477	13	25000
*	NULL	NULL	NULL	NULL

7. 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 damage_amount>
(select avg(damage_amount) from participated);
```

	name
▶	Pradeep

8. Find Maximum Damage Amount.

```
select max(damage_amount) from participated;
```

	max(damage_amount)
▶	50000