

QUESTION - 1

INSURANCE DATABASE

Create table person (driver_id varchar(10),
name varchar(20), address varchar(30), primary
key (driver_id));

Create table car (reg_num varchar(10), model
varchar(10), year int, primary key (reg_num));

Create table accident (report_num int, accident_
date date, location varchar(20), primary key
(report_num));

Create table owns (driver_id varchar(10),
reg_num varchar(10), primary key (driver_id),
reg_num), foreign key (driver_id) references
person (driver_id), foreign key (reg_num)
references car (reg_num);

Create table participated (driver_id varchar(10),
reg_num varchar(10), report_num int, damage_
amount int, primary key (driver_id, reg_num,
report_num), foreign key (driver_id) references
person (driver_id), foreign key (reg_num)
references car (reg_num), foreign key (report_num)
references accident (report_num));

Insert into accident values ('11, '2003-01-01',
'mysore road');

Insert into accident values ('12, '2004-02-02', 'B411,
end chalé');

Insert into accident values ('13, '2003-01-21', 'B411
temple road');

Insert into accident values ('14, '2004-02-12', 'mysore
Road');

Insert into accident values ('15, '2004-03-03', 'kanak
para road');

Insert into car values ('PA092376', 'abcd', '2001');

Insert into car values ('KA267U76', 'COFL', '2002');

Insert into car values ('AS163318', 'xyz', '2005');

Insert into car values ('KS3364', 'zzk', '2006');

Insert into car values ('PL36UV623', 'qrs', '2008');

Insert into person values ('101', 'kunal', 'pune');

Insert into person values ('101', 'ankit', 'ktm');

Insert into person values ('102', 'ADNIK', 'dehi');

Insert into person values ('103', 'RICK', 'mumbai');

Insert into person values ('Fypu', 'venu', 'puna');

Inserted into owns values ('101', 'PA092376');

Inserted into owns values ('101', 'KA267U76');

Inserted into owns values ('102', 'AS163318');

Inserted into owns values ('103', 'KS3364');

Inserted into owns values ('Fypu', 'PL36UV623');

Inserted into participated values ('101', 'PA092376',
11, 10,000);

Inserted into participated values ('101', 'KA267U76',
12, 12000);

Inserted into participated values ('NO2', 'ES16333P',
13, 15000);

Inserted into participated values ('NSV3', 'KS376U',
14, 16000);

Inserted into participated values ('Fypu', 'PL364463',
15, 13000);

Insert into accident values (16, '2008-03-08',
'Domluv');

update participated set damage_amount = 25000
where reg_num = 'KS376U' and report_num = 16;

Select count (distinct driver_id) CNT from
participated a, accident b where a.report_
num = b.report_num and b.accident_date like
'2008%';

SELECT * FROM PARTICIPATED ORDER BY
DAMAGE_AMOUNT DESC;

SELECT AVG(DAMAGE_AMOUNT) FROM PARTICIPATED;

~~SELECT~~ SELECT name FROM PERSON A, PARTICIPATED B WHERE A.DRIVER_ID = B.DRIVER_ID AND
DAMAGE_AMOUNT > (SELECT AVG(DAMAGE_AMOUNT)
FROM PARTICIPATED);

SELECT MAX(DAMAGE_AMOUNT) FROM PARTICI-
PATED;

SELECT * FROM accident;

SELECT * FROM person;

SELECT * FROM car;

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SELECT * FROM owns ;
 SELECT * FROM owns ;
 SELECT * FROM participant;

report_num	accident_date	location
11	2003-01-01	Mysore Road
12	2004-02-02	South End Circle
13	2003-01-21	Bull Temple Road
14	2005-02-17	Magjore Road
15	2004-03-03	Kundapura Road
16	2004-03-03	Omniway

driver_id	name	address
101	Ramal	Pune
102	anil	VTI
103	Adaric	Delhi
104	Rakesh	Mumbai
105	Venu	Patna

reg_no	model	year
DS1633317	XYZ	2005
KA263476	CDEF	2007
KS336L	IJK	2006
DA082376L	abcd	2001
PL364462J	GYS	2008

driver-Pd	reg-num
P02	NS163318
P01	KP767406
CISV3	KS376U
K0L	PA0823764
FYDU	PL3644623

driver-Pd	reg-num	report-num	damage-amount
P01	KP767406	12	12000
FYDU	PL3644623	15	13000
CISV3	KS376U	14	25000
K0L	PA0823764	11	10000
P02	NS163318	13	15000

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driver-Pd	reg-num	report-num	damage-amount
CISV3	KS376U	14	25000
P02	NS163318	13	15000
FYDU	PL3644623	15	13000
P01	KP767406	12	12000
K0L	PA0823764	11	10000

15000

ARK

25000