

Database Development

Exam 70-461 Querying Microsoft SQL Server 2012

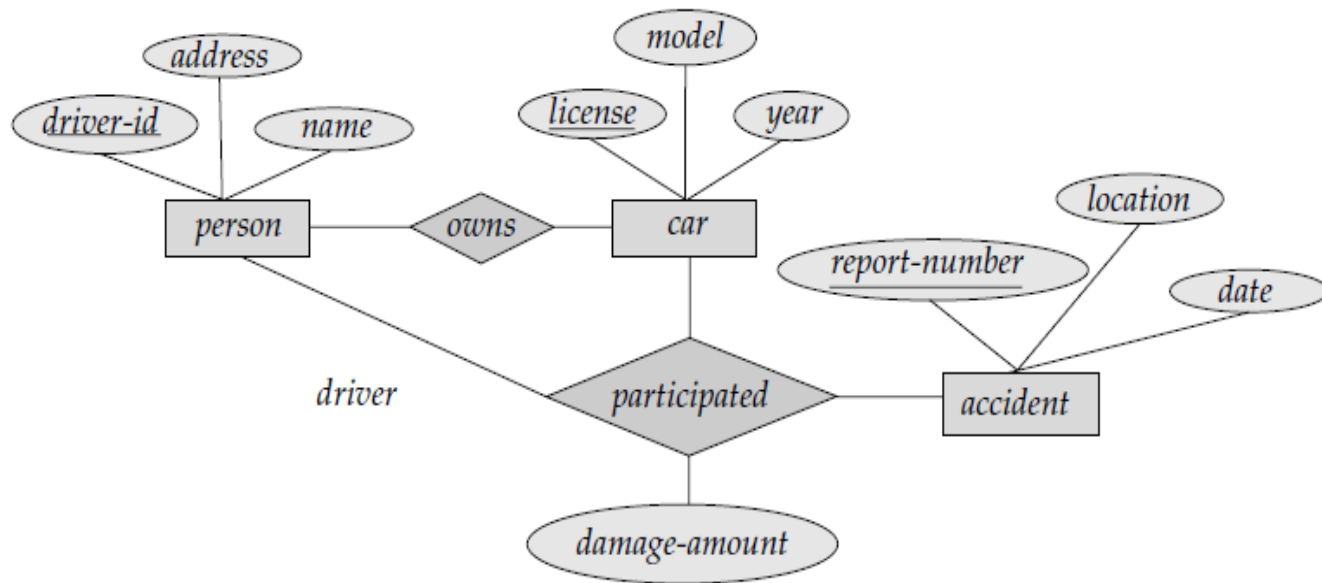


Figure 2.1 E-R diagram for a Car-insurance company.

a. Car insurance tables:

person (driver-id, name, address)

car (license, year, model)

accident (report-number, date, location)

participated(driver-id, license, report-number,
damage-amount)

TASK 10:

1. Create CAR-INSURANCE database.
2. Create all related tables with constraints shown in diagram (last slide).
3. Use date function on **Date column** in **accident table**.
4. Implement **IDENTITY** feature on all primary keys.
5. Insert at least five records in all tables.
6. Update only one record on person table.
7. Alter **year column** in **car table** and put a default value of column to 2014.
8. Add a **check constraint** on **damage amount column** in **participated at table** in such a way that amount must be between 0 to 25,000 DKK.
9. Write a **subquery** to find out name and licence number of all drivers whose damage cost is more than 5000 DKK.
10. Save all above in a single script and name it **task10.sql**.