

Linguaggio SQL: Esercizi

- 1. Sia dato il seguente schema relazionale (le chiavi primarie sono sottolineate, gli attributi opzionali sono indicati con “*”)**

WORKSHOP (WSID, Name, Address, City)

VEHICLE (LicensePlate, Model, Brand, Category, Power, YearRegistration, TaxCode)

CUSTOMER (TaxCode, Name, Surname, BirthDate, Address, City)

OVERHAUL (LicensePlate, WSID, Date, Cost)

For workshops that have serviced at least 200 different vehicles registered to people born between 1970 and 1980, display the name and address of the workshop that carried out the most overhauls (including all overhauls) among workshops located in the same city. Also view the total cost of workshop inspections and the number of different vehicle models overhauled.

- 2. Sia dato il seguente schema relazionale (le chiavi primarie sono sottolineate, gli attributi opzionali sono indicati con “*”)**

TECHNICIAN (ID, Name, Surname, BirthDate, Gender, Type)

INTERVENTION (IntID, Name, Description, HourlyCost)

BUILDING (BuildingID, Address, City, Province, Region, Type)

PERFORM_INTERVENTION (ID, IntID, Date, BuildingID, Duration)

Considering only the buildings located in the province of Turin, view the date in March 2022 in which the highest number of interventions was carried out in the buildings considered.

- 3. Sia dato il seguente schema relazionale (le chiavi primarie sono sottolineate, gli attributi opzionali sono indicati con “*”)**

LOCATION (LocID, Name, City, Region, CapacityMax)

EVENT (EvID, Title, Type)

EDITION (EvID, Date, LocID, NumberParticipants)

Among the events for which editions have been organized in at least 3 different cities, view the title of the event in which the largest number of people participated overall (considering all editions of the event).

- 4. Sia dato il seguente schema relazionale (le chiavi primarie sono sottolineate, gli attributi opzionali sono indicati con “*”)**

FILM (CodF, Title, ReleaseDate, Genre, DurationMinutes)

CINEMA (CodC, Nome, Indirizzo, Città)

HALL (CodC, HallNumber, Capacity)

SCREENING (CodC, HallNumber, Date, StartTime, EndTime, CodF)

Display the title of each film that has a shorter duration than the average duration of films belonging to the same genre, and that has been screened a number of times greater than the average number of screenings of films belonging to the same genre.