# First set of questions

1. A database is a place where we store structured data.
2. Tables define the structure and the type of the data.
3. Data is store in rows.
4. Social security number, last name, first name, date of birth, address, phone number.
5. Vehicule identification number, brand, model, production year, price.

# Second set of questions

1. The structure of the table consists of columns.
2. The 4 data types mentioned in this video are numeric, string, date and time and other.
3. Data types are dependent on database management system(dbms).
4. Type of data :

**Int** = integer (number without a fractional component)

**Float** = an inexact floating point number

**Decimal** = an exact specified precision decimal number

**Char** = character (a fixed length string)

**Varchar** = a character varying (a variable length string)

**Date** = it’s a date without the time

**Timestamp** = both date and time

**Bool** = Boolean (a logical value, true or false)

**Blob** = binary large object (image or long text)

# Third set of questions

1. A relationship between 2 tables is defined by a reference
2. The 3 types of relationship are : one to one, one to many and many to many
3. An example of a one to one relationship^is a country and a president because ona country has one president and one president represent one country
4. An example of the 2nd relationship is mother and child, because ona mother can have one or many children and a chil has one bioligical mother.