

LU03.L01 - Choose data-types

Task a) Choose datatypes

Which datatype would you use to store the following information? Give reason for your decision.

- product-title like trousers up to 50 characters:
 - **VARCHAR(50)**
 - **Titles can be at the most 50 characters. A fix length makes not sense in that case.**
- product-description up to 255 characters:
 - **VARCHAR(255)**
 - **The description can be 255 characters, but can also be shorter. A fix length does not make sense in that case.**
- stock amount:
 - **INT or INTEGER**
 - **Floating point type is not suitable as pieces are always counted in whole numbers.**
- price of each piece:
 - **FLOAT(5,2) or DECIMAL(5,2)**
 - **Prices have floating point**
 - **The length of (5,2) should be sufficient enough as trousers are usually within a price ranger of 0.99 to 999.99.**
- order date:
 - **DATETIME or TIMESTAMP**
 - **The type depends on whether we want to save only the date, but also the time.**
 - **Important is, that in this case the storage of the current time.**
 - **date of delivery: * whether organisational or not: * <color #ed1c24>BOOLEAN**
 - **As there are only two possibilities to store a boolean data-type is the correct data-type.**
- usage category with only one character:
 - **As long as there is only one character to be stored the CHAR-type will work.**
 - **Technically the CHAR-type allows all letters, digits (as letters) and special characters.**

Solution

[Lösung](#)

Vocabulary

English	German
respectively	beziehungsweise



Volkan Demir

From:
<https://wiki.bzz.ch/> - **BZZ - Modulwiki**



Permanent link:
<https://wiki.bzz.ch/modul/m290/learningunits/lu03/loesungen/l01?rev=1723636011>

Last update: **2024/08/14 13:46**