# LU04.A04 - SQL-DQL: Selects with Aggregate Functions

# Requirements

- Work type: individualTimeframe: 30 Minutes
- Means of aid:
  - only teaching materials, no websearch, no use of ai.
  - W3Schools | SQL Editor
- Expected result: Semantically and syntactically correct SQL statements according to the requirements of the case studies.

## **Case studies / Assignments**

The following ERD describes a order database for a a shop.

# **Assignments**

The general assignment is to develop DQL commands that matches the requirements below:

#### **Assignment a: MIN**

We want to know which of our products is actually the most expensive.

### **Assignment b: MAX**

What is the lowest price for the products of the supplier with id = 12?

#### **Assignment c: AVG**

What is the average price for products of supplier 3?

#### Assignment d: AVG

How many orders do we currently have in our data-base system from the customer with id = 5?

#### **Assignment e: SUM**

What is the worth of the order 10255? Please note, that there are two tables involved in this select statement.

#### **Assignment f: GROUP BY**

For our anual report we need list of the orders, and the value of each, grouped by the OrderID.

#### **Solution**

Lösung

# **Vocabulary**

English	German



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Last update: 2024/09/04 15:35



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