

SQL

Database ✓

↳ Tables ✓

↳ Columns

↳ Name, Datatype

- ① Create database dbname;
- ② use dbname;
- ③ create table table_name (col1 datatype, col2 datatype)
- ④ drop table table_name;

DML

① Insert into tablename (col1, col2, --)
values (10, 20),
(20, 30); ✓

② **Select** → to choose column/fields
From → to choose table

(i) Select *
From table_name;

→ All columns

(ii) Select col1, col2
From table_name;

→ Specific column

(iii) Select **Distinct** col1
From table;

↳ unique values in col1

Aggregate Functions

sum(), average()

count(), max(), min()

→ Select average(age) **as average_age**
From table_name;

average(age)
23

Average age
23

importing data from csv

S1: right click on a database

S2: import wizard (data)

S3: locate csv file

S4: Next → Next → Finish

S5: Refresh

① Select ② From

③ Where → to filter table data

④ Order by → to apply sorting on data

⑤ Limit → to set output records limit.

Text

Exact : $=$, $!=$

Part : Like

start : `'S%'`

end : `'%S'`

contain : `'%S%'`

Date : Exact match → $=$, Between()

Numeric : $>$, $<$, $=$, $!=$, $<=$