Week 2 - Basic Queries

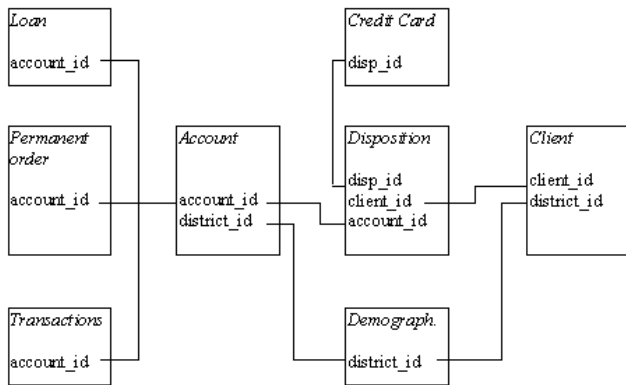Structured Query Language

Setting up your Connection

- Hostname: 127.0.0.1

- Port: 3306

- Username: root

- Password: *your chosen password*

The Bank Dataset

- Real anonymized Czech bank transactions, account info, and loan records released for the PKDD'99 Discovery Challenge.

- Information about the clients, including accounts held, transactions over the last few months, loans granted, cards issued, etc.

The Bank Dataset

SELECT column FROM table;
SELECT * FROM table

SELECT DISTINCT

SELECT DISTINCT column FROM table;

Lab Time!

SELECT column FROM table
WHERE condition;

Comparison Operators

Operator	Description
=	Equal to.
>	Greater than.
<	Less than.
>=	Greater than equal to.
<=	Less than equal to.
<>	Not equal to.

Arithmetic Operators

- $+$ Addition

- $-$ Subtraction

- $*$ Multiplication

- $/$ Division

- $\%$ Modulo

There are a range of numerical functions with which you can transform numerical columns, such as

ABS(column)

as well as string functions with which you can transform string columns, such as

LOWER(column)