## **QUERYING DATA FROM A TABLE**

#### **SELECT c1, c2 FROM t**;

Query data in columns c1, c2 from a table

#### **SELECT \* FROM t:**

Query all rows and columns from a table

# **SELECT c1, c2 FROM t**

**WHERE** condition:

Query data and filter rows with a condition

### **SELECT DISTINCT c1 FROM t**

**WHERE** condition;

Query distinct rows from a table

## SELECT c1, c2 FROM t

**ORDER BY c1 ASC [DESC]**;

Sort the result set in ascending or descending order

# SELECT c1, c2 FROM t

ORDER BY c1

LIMIT n OFFSET offset;

Skip *offset* of rows and return the next n rows

## SELECT c1, aggregate(c2)

FROM t

**GROUP BY c1:** 

Group rows using an aggregate function

# SELECT c1, c2 FROM t1

WHERE c1 [NOT] LIKE pattern;

Query rows using pattern matching %, \_

# **QUERYING FROM MULTIPLE TABLES**

SELECT c1, c2

FROM t1

**INNER JOIN t2 ON condition**;

Inner join t1 and t2

SELECT c1, c2

FROM t1

**LEFT JOIN t2 ON condition;** 

Left join t1 and t1

SELECT c1, c2

FROM t1

**RIGHT JOIN t2 ON condition**;

Right join t1 and t2

# **SELECT c1, c2 FROM t**

WHERE c1 [NOT] IN value\_list;

Query rows in a list

\*value\_list could be a SubQuery

#### MANAGING VIEWS

CREATE VIEW v(c1,c2)

AS

SELECT c1, c2

FROM t;

Create a new view that consists of c1 and c2

# **DROP VIEW view\_name**;

Delete a view