No office hours boday.

Select Frame

From Emp, Department

where SSN = mgrssn;

Inner Join

Select Frame

INNER

From Emp Join Department

ON SSN = mgrssn;

* Natural Join

Select Drame, Dlocation

from Department NATURAL TOIN Dept-Locations;

RENAME

Solect Frame, Dependent

from EMP NATURAL JOIN

(Select ESSN AS SSN, Dependent-name AS Dependent

From Dependent) AS D;

Select Frame, Drame
from EMP NATURAL JOIN
(Select Drame, Drumber Dro

from Department where Drame = 'Research') DI;

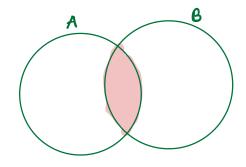
Select Frame, Drame
from Emp NATURAL JOIN
(Select Drame, Drumber Dro, mgr-ssN from Department) D2
Where mgr-ssN = '8886';

FINNERS JOIN, DO, * NATURAL JOIN

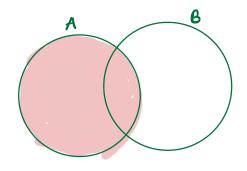
X left { Outer} JOIN

X Right {Outer} JOIN

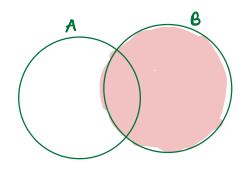
X Full {Outer} JOIN



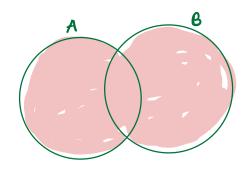
Salect < 7
from A {Inner} John B
ON A altr = B altr



Select <>
from A left Jon B
on A. altr = B. altr



Salect <>
from A right you B
on A. alto = B. alto



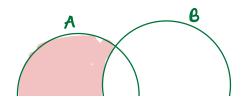
Solect <>
from A full join B
on A. altr = B. altr

No full join in mysal;

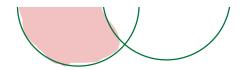
Select <>
from A left join B
on A alto = B alto

0010N

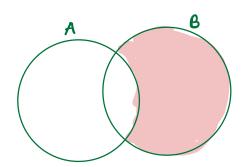
Select <>
from A Right join B
on A altr = B altr;



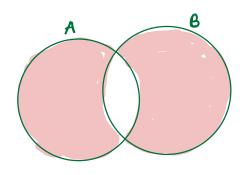
Select <>
from A left join B
on A altr = B altr



where Bratter IS NULL;



Salvet <>
from A right join B
on A alto = B alto
where A alto IS NULL;



Select < > From A full join B
on A alto = B alto
where A alto Is NULL
OR
B. alto Is NULL;

Query: Solect Frame from Emp List emp without dependents

where NOT exists

(Select * from Dependent where SSN = ESSN)

Select Frame from Emp left join Dependent ON SSN = ESSN

where essN IS NULL;

VIEW - Virtual Tables

- * tables derived from base tables
- * views are not physically stored in the delabase.
- * the view table is generated on demand.
- * motivation: security; data reeded frequently.

CREATE VIEW work (frame, brane, project, hours)

AS Solect Frame, Lname, Prame, Hours

from Emp Join Project Join works-on

ON SSN = ESSN AND Pro = Prumber;

A Quenes on work

Select frame, hours

from work

where project = 'Product X';

- * SHOW TABLES; will also show work
- * Update base table > work is also updated
- * Update work >> base tables are also updated
- A DROP VIEW work;

Aggregate Functions