Inner Join

SELECT url, username
FROM photos
JOIN users **ON** users.id = photos.user_id;

Database

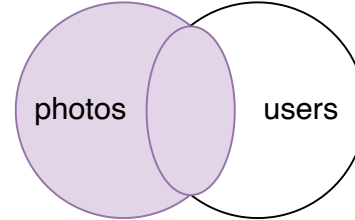#### photos

id	url	user_id
1	https://santina.net	2
2	https://alayna.net	3
3	https://kailyn.name	1
4	http://banner.jpg	NULL

users

id	username
1	Reyna.Marvin
2	Micah.Cremin
3	Alfredo66
4	Gerard_Mitchell42

photos with users

id	url	user_id	id	username
1	https://santina.net	2	2	Micah.Cremin
2	https://alayna.net	3	3	Alfredo66
3	https://kailyn.name	1	1	Reyna.Marvin

Left Outer Join

SELECT url, username
FROM photos
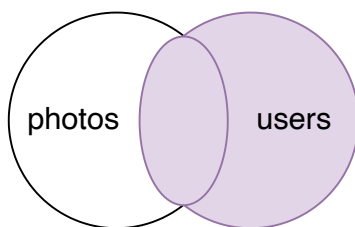**LEFT JOIN** users **ON** users.id = photos.user_id;

Database

photos

id	url	user_id
1	https://santina.net	2
2	https://alayna.net	3
3	https://kailyn.name	1
4	http://banner.jpg	NULL

users

id	username
1	Reyna.Marvin
2	Micah.Cremin
3	Alfredo66
4	Gerard_Mitchell42

photos with users

id	url	user_id	id	username
1	https://santina.net	2	2	Micah.Cremin
2	https://alayna.net	3	3	Alfredo66
3	https://kailyn.name	1	1	Reyna.Marvin
4	http://banner.jpg	NULL	NULL	NULL

Right Outer Join

SELECT url, username
FROM photos
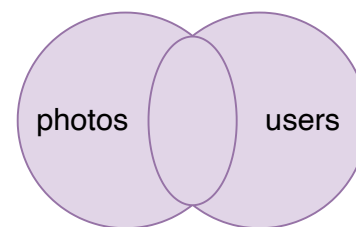**RIGHT JOIN** users **ON** users.id = photos.user_id;

Database

photos

id	url	user_id
1	https://santina.net	2
2	https://alayna.net	3
3	https://kailyn.name	1
4	http://banner.jpg	NULL

users

id	username
1	Reyna.Marvin
2	Micah.Cremin
3	Alfredo66
4	Gerard_Mitchell42

photos with users

id	url	user_id	id	username
1	https://santina.net	2	2	Micah.Cremin
2	https://alayna.net	3	3	Alfredo66
3	https://kailyn.name	1	1	Reyna.Marvin
NULL	NULL	NULL	4	Gerard_Mitchell42

Full Join

SELECT url, username
FROM photos
FULL JOIN users **ON** users.id = photos.user_id;

Database

photos

id	url	user_id
1	https://santina.net	2
2	https://alayna.net	3
3	https://kailyn.name	1
4	http://banner.jpg	NULL

users

id	username
1	Reyna.Marvin
2	Micah.Cremin
3	Alfredo66
4	Gerard_Mitchell42

photos with users

id	url	user_id	id	username
1	https://santina.net	2	2	Micah.Cremin
2	https://alayna.net	3	3	Alfredo66
3	https://kailyn.name	1	1	Reyna.Marvin
4	http://banner.jpg	NULL	NULL	NULL
NULL	NULL	NULL	4	Gerard_Mitchell42