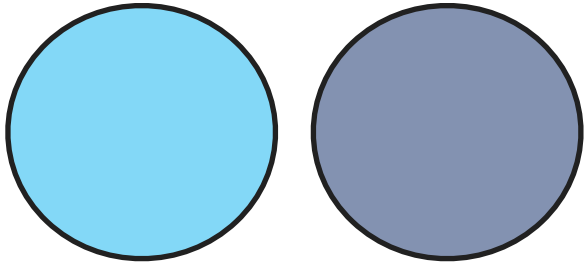
SET OPERATIONS

METIS

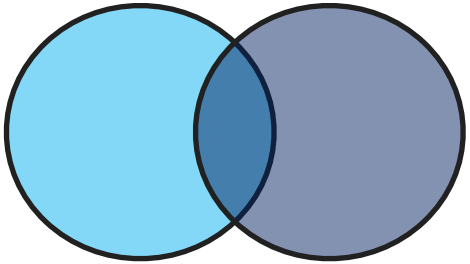
Set Operations

Set operators used to combined tables containing similar types of information

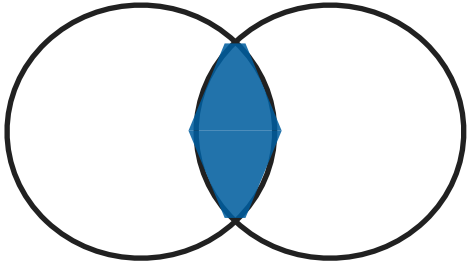
UNION ALL



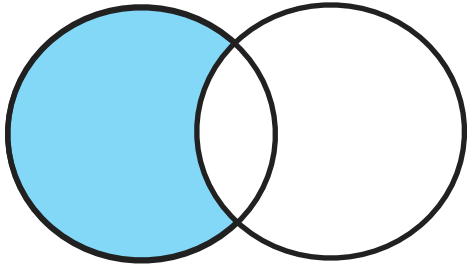
UNION



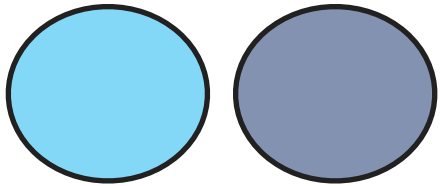
INTERSECT



EXCEPT



Set Operations: UNION ALL



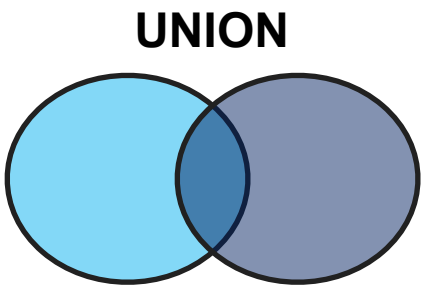

```
SELECT id, name FROM inventory
UNION ALL
SELECT id, name FROM new_shipment;
```

id	name
1	tiger t-shirt
2	giraffe-print bag
3	elephant tie
4	zebra-striped pants
5	peacock feather hat
6	leopard-print scarf
7	walrus-shaped pillow
8	gazelle lamp
9	bedding set, tiger icons
10	wooly mammoth curtains
12	manatee tank top
15	bow tie, ants marching
12	manatee tank top
13	mirror with moose handle
14	sea lion image blanket
15	bow tie, ants marching

Inventory table

New Shipment table

Set Operations: UNION

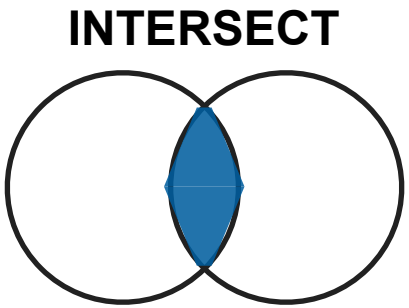



```
SELECT id, name FROM inventory
UNION
SELECT id, name FROM new_shipment;
```

id	name
1	tiger t-shirt
2	giraffe-print bag
3	elephant tie
4	zebra-striped pants
5	peacock feather hat
6	leopard-print scarf
7	walrus-shaped pillow
8	gazelle lamp
9	bedding set, tiger icons
10	wooly mammoth curtains
12	manatee tank top
13	mirror with moose handle
14	sea lion image blanket
15	bow tie, ants marching

Note:
Data now sorted by id; UNION sorts to find duplicates.

Set Operations: INTERSECT

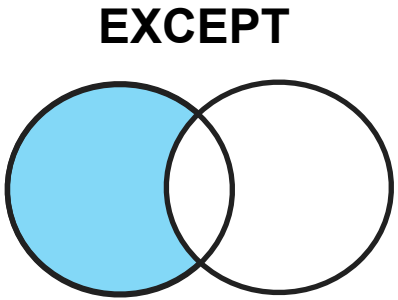


id	name
12	manatee tank top
15	bow tie, ants marching

```
SELECT id, name FROM inventory
INTERSECT
SELECT id, name FROM new_shipment;
```

Only two items appear in both tables.

Set Operations: EXCEPT




```
SELECT id, name FROM inventory
EXCEPT
SELECT id, name FROM new_shipment;
```

id	name
1	tiger t-shirt
2	giraffe-print bag
3	elephant tie
4	zebra-striped pants
5	peacock feather hat
6	leopard-print scarf
7	walrus-shaped pillow
8	gazelle lamp
9	bedding set, tiger icons
10	wooly mammoth curtains

Yields all items before we inserted new shipment data.