

Use the IN Condition to Test Membership

IN Condition



IN returns TRUE if one value is found within a list of others.

Example:

5 IN (5,10,15) is TRUE

Traditional Use of IN

What sales are from sales people with bonuses over \$5,000?

Who are the Sales People?

```
SELECT BusinessEntityID
FROM   Sales.SalesPerson
WHERE  Bonus > 5000
```

They happen to be the following SalesPersonID's:

279
286
289

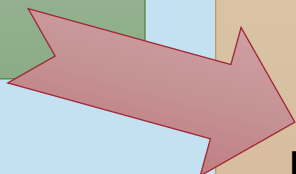
```
SELECT SalesOrderID
       ,OrderDate
       ,AccountNumber
       ,CustomerID
       ,SalesPersonID
       ,TotalDue
FROM   Sales.SalesOrderHeader
WHERE  SalesPersonID IN (279, 286, 289)
```

IN The Subquery Way

What sales are from sales people with bonuses over \$5,000?

Who are the Sales People?

```
SELECT BusinessEntityID
FROM   Sales.SalesPerson
WHERE  Bonus > 5000
```



```
SELECT SalesOrderID
       ,OrderDate
       ,AccountNumber
       ,CustomerID
       ,SalesPersonID
       ,TotalDue
FROM   Sales.SalesOrderHeader
WHERE  SalesPersonID IN (SELECT BusinessEntityID
                        FROM   Sales.SalesPerson
                        WHERE  Bonus > 5000
                        )
```

Examples