

# Nested queries

# Query with list of values

Problem: Get customers that have scheduled work

```
select * from HomePro.Customers
where CustomerId in
(select CustomerId from HomePro.Schedules)
```

Problem: Get customers that do NOT HAVE scheduled work

```
select * from HomePro.Customers
where CustomerId in
(select CustomerId from HomePro.Schedules)
```

# Query with scalar value

Problem: Get customers that is older than average customer age

```
select * from HomePro.Customers
where age >
    (select avg(age) from HomePro.Customers)
```

Problem: Get customers that have quote bigger than average

```
select * from HomePro.Customers C
    join HomePro.Quotes q
        on c.CustomerId = q.CustomerId
where q.Estimation >
    (select avg(Estimation) from HomePro.Quotes)
```

# Query from sub-query

```
select * from  
(  
    select c.CustomerId, C.FirstName, c.LastName, c.Age, s.DateNeeded  
    from HomePro.Customers C  
        join HomePro.Schedules s  
        on c.CustomerId = s.CustomerId  
) a
```