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CTE

Enkele CTE

```
WITH CTE_Doelpunt AS (
    SELECT *
    FROM Doelpunt
    WHERE ScoreMinuten = 90
)

SELECT *
FROM CTE_Doelpunt
```

CTE RECURSION

```
WITH numbers (number) AS (
    SELECT 1
    UNION ALL
    SELECT number + 1
    FROM numbers
    WHERE number < 999
)

SELECT *
FROM numbers
OPTION (MAXRECURSION 1000);
```

Traversing a hierarchical structure

```
WITH Bosses(boss, emp) AS

( SELECT ReportsTo, EmployeeID
    FROM Employees
    WHERE ReportsTo IS NULL
    UNION ALL
    SELECT e.ReportsTo, e.EmployeeID
    FROM Employees e INNER JOIN Bosses b ON e.ReportsTo = b.emp
)

SELECT * FROM Bosses
ORDER BY boss, emp;
```

Drawing hierarchy structure

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