Microsoft SQL Server 2019 Design & Develop



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CASE



- CASE is an Expression
- Syntax 1:

 CASE
 WHEN condition1 THEN result1
 WHEN condition2 THEN result2
 ...
 WHEN conditionNTHEN resultN
 ELSE resultElse
 END;

CASE



```
    Syntax 2:
        CASE input_expression
        WHEN expression1 THEN result1
        WHEN expression2 THEN result2
        WHEN expressionN THEN resultN
        ELSE result

    END
```

PIVOT



- Rotate data from a state of rows to a state of columns
- Phases:
 - Grouping
 - Based on columns not participated in PIVOT
 - Spreading attribute IN (attr1, attr2, ...)
 - Aggregating

UNPIVOT



- UNION
- CROSS JOIN
- UNPIVOT