Microsoft SQL Server 2019 Design & Develop



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منطق سه ارزشی



NULL

- It's not a value
- It's a mark for missing value

The Possible values of a predicate in SQL are:

- TRUE
- FALSE
- UNKNOWN

The Logical value of these expressions is UNKNOWN:

• NULL > 179

NULL < 179

NULL = 179

• NULL = NULL

X + NULL > Y

1 + NULL > 10

(3) GROUP BY



- Generate groups
 - Based on GROUP BY clause
- One row per each group
 - unique combination of values
- After GROUP BY
 - Expressions specified in GROUP BY clause
 - AGG Function
 - MAX()
 - MIN()
 - SUM()
 - AVG()
 - COUNT()

(4) HAVING



Filters the Groups

(5-2) DISTINCT



Remove duplicate rows

(6) ORDER BY



- Orders the rows
- Options:
 - ASC (Default Option) / DESC
 - Column
 - Expression
 - Alias
 - Column Position,
 - Composite (Tie Breaker)

(7) TOP(7) OFFSET-FETCH



- TOP
 - Filter Rows
- TOP Options:
 - (n) rows
 - (n) PERCENCT
- OFFSET-FETCH
 - ORDER BY
 - Skip Rows
 - Filter Rows

تمرين



- نام ۱۰ کالای برتر سال ۲۰۱۲
- نام ۱۰ مشتری کم خرید فصل بهار

DataToInsight.ir

مطالعه بيشتر

منطق سه ارزشی چیست؟