Introduction to T-SQL Queries – Module 3

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Module 3:
Filtering

WHERE

- Basic Syntax
  SELECT <expr1>[,<expr2>,<expr3>,...]
  FROM <schema>.<table>

  WHERE <expr5> = <expr6>

  ORDER BY <expr1>

- Dates example

SELECT SalesOrderID, ShipDate

FROM Sales.SalesOrderHeader

WHERE ShipDate >= '2011-06-07' and ShipDate < '2011-06-08'

Operators

- =, <>, !=
- <, >, <=, >=
- BETWEEN
- LIKE (with wildcards %,_ and more)
- IN
- AND, OR for multiple expressions
- NOT
- Parentheses to enforce logic

Demo: The WHERE clause

Lab

- Complete Module 3 Lab 1

Working with NULL

- Unknown
- Can't compare anything to NULL
- When trying to compare to NULL, the row is not returned
- Use ISNULL or COALESCE to replace the NULL
- Use IS NULL or IS NOT NULL to compare

Demo: NULL

Lab

- Complete Module 3 Lab 2