Date Calculations

DATEADD –

Syntax – DATEADD(part, interval, date)

Example –

SELECT order\_id, order\_date,

DATEADD(Year, 3, order\_date),

DATEADD(Month, 3, order\_date),

DATEADD(Day, 3, order\_date),

DATEADD(Year, -10, order\_date)

FROM pizza\_sales

DATEDIFF –

Syntax – DATEDIFF(part, start\_date, end\_date)

Example –

SELECT EmployeeID, BirthDate,

DATEDIFF(Year, BirthDate, GETDATE())

FROM Employees

Date Validation

ISDATE() – Checks if the value is date.

Syntax – ISDATE(value)

Example –

SELECT ISDATE('123')

SELECT ISDATE('2025-08-20')

SELECT ISDATE('23-09-2013')

To identify data quality issues.