

INSERT statement

Adds one or more new rows to a table or a view.

WITH <common_table_expression>

Specifies the temporary named result set, also known as common table expression, defined within the scope of the INSERT statement. The result set is derived from a SELECT statement.

TOP (expression) [PERCENT]

Specifies the number or percent of random rows that will be inserted. expression can be either a number or a percent of the rows. The rows referenced in the TOP expression are not arranged in any order..

INTO

Optional keyword that makes the statement clearer.

<object>

A table or view that is to receive the data.

rowset_function_limited

Is either the OPENQUERY or OPENROWSET function. Use of these functions is subject to the capabilities of the OLE DB provider that accesses the remote object.

WITH (<table_hint_limited> [... n])

Specifies one or more table hints that are allowed for a target table. The WITH keyword and the parentheses are required.

READPAST, NOLOCK, and READUNCOMMITTED are not allowed..

(column_list)

Is a list of one or more columns in which to insert data. column_list must be enclosed in parentheses and delimited by commas.

If a column is not in column_list, the Database Engine must be able to provide a value based on the definition of the column; otherwise, the row cannot be loaded.

column_list and a values list must be used when explicit values are inserted into an identity column, and the SET IDENTITY_INSERT option must be ON for the table.

OUTPUT clause

Returns inserted rows as part of the insert operation. The results can be returned to the processing application or inserted into a table or table variable for further processing..

VALUES

The bracketed list(s) of data values to be inserted, one data value for each column in column_list, if specified, or in the table.

If the values in the Value list are not in the same order as the columns in the table or do not have a value for each column in the table, column_list must be used to explicitly specify the column that stores each incoming value.

