Definition and Usage

The CAST() function converts a value (of any type) into a specified datatype.

**Tip:** Also look at the [CONVERT()](https://www.w3schools.com/sql/func_sqlserver_convert.asp) function.

Syntax

CAST(*expression* AS *datatype(length)*)

## Parameter Values

|  |  |
| --- | --- |
| **Value** | **Description** |
| *expression* | Required. The value to convert |
| *datatype* | Required. The datatype to convert expression to. Can be one of the following: bigint, int, smallint, tinyint, bit, decimal, numeric, money, smallmoney, float, real, datetime, smalldatetime, char, varchar, text, nchar, nvarchar, ntext, binary, varbinary, or image |
| (length) | Optional. The length of the resulting data type (for char, varchar, nchar, nvarchar, binary and varbinary) |

SELECT CAST(25.65 AS int);

Result:-

Number of Records: 1

|  |
| --- |
|  |
| 25 |

SELECT CAST('2017-08-25' AS datetime);

Result:-

Number of Records: 1

|  |
| --- |
|  |
| 2017-08-25 00:00:00.000 |