SQL Server Integration Service Data Type

SSIS Data type	SQL Server Equivalent Data Type	SQL Size Bytes	Size & Description for SSIS
DT_BOOL	bit	1 bit	A Boolean value.
DT_BYTES	binary, varbinary, timestamp	8000, 8000, 8	A binary data value. The length is variable and the maximum length is 8000 bytes.
DT_CY	smallmoney, money	4,8	A currency value. This data type is an eight-byte signed integer with a scale of 4 and a maximum precision of 19 digits.
DT_DATE			Format: yyyy-mm-dd. A date structure that consists of year, month, day, hour, minute, seconds, and fractional seconds. The fractional seconds have a fixed scale of 7 digits.
DT_DBDATE	Date	3	A date structure that consists of year, month, and day.
DT_DBTIME			Format: hh:mm:ss. A time structure that consists of hour, minute, and second.
DT_DBTIME2	Time	5	Format: hh:mm:ss[.fffffff]. A time structure that consists of hour, minute, second, and fractional seconds. The fractional seconds have a maximum scale of 7 digits.
DT_DBTIMESTAMP	Smalldatetime, datetime	4,8	Format: yyyy-mm-dd hh:mm:ss[.fff]. A timestamp structure that consists of year, month, day, hour, minute, second, and fractional seconds. The fractional seconds have a maximum scale of 3 digits.
DT_DBTIMESTAMP2	Datetime2	8	Format : yyyy-mm-dd hh:mm:ss[.fffffff]. A timestamp structure that consists of year, month, day, hour, minute, second, and fractional seconds. The fractional seconds have a maximum scale of 7 digits.
DT_DBTIMESTAMPOFFSET	Datetimeoffset	10	Format : yyyy-mm-dd hh:mm:ss[.fffffff] [{+|-} hh:mm]. A timestamp structure that consists of year, month, day, hour, minute, second, and fractional seconds. The fractional seconds have a maximum scale of 7 digits.
DT_DECIMAL			An exact numeric value with a fixed precision and a fixed scale. This data type is a 12-byte unsigned integer with a separate sign, a scale of 0 to 28, and a maximum precision of 29.
DT_FILETIME			Format: yyyy-mm-dd hh:mm:ss:fff. A 64-bit value that represents the number of 100-nanosecond intervals since January 1, 1601. The fractional seconds have a maximum scale of 3 digits.
DT_GUID	UniqueIdentifier	16	A globally unique identifier (GUID).
DT_I1			A one-byte, signed integer.
DT_I2	Smallint	2	A two-byte, signed integer.
DT_I4	Int	4	A four-byte, signed integer.
DT_I8	Bigint	8	An eight-byte, signed integer.
DT_NUMERIC	Decimal, Numeric	17	An exact numeric value with a fixed precision and scale. This data type is a 16-byte unsigned integer with a separate sign, a scale of 0 - 38, and a maximum precision of 38.
DT_R4	Real	4	A single-precision floating-point value.
DT_R8	Float	8	A double-precision floating-point value.
DT_STR	Char, Varchar	8000	A null-terminated ANSI/MBCS character string with a maximum length of 8000 characters. (If a column value contains additional null terminators, the string will be truncated at the occurrence of the first null.)
DT_UI1	Tinyint	1	A one-byte, unsigned integer.
DT_UI2			A two-byte, unsigned integer.
DT_UI4			A four-byte, unsigned integer.
DT_UI8			An eight-byte, unsigned integer.
DT_WSTR	Nchar, Nvarchar, sql_variant, xml	4000,4000,-, 2^{31}-1	A null-terminated Unicode character string with a maximum length of 4000 characters. (If a column value contains additional null terminators, the string will be truncated at the occurrence of the first null.)
DT_IMAGE	Image	2^{31}-1	A binary value with a maximum size of 2^{31}-1 (2,147,483,647) bytes. .
DT_NTEXT	Ntext	2^{30}-1	A Unicode character string with a maximum length of 2_{30} - 1 (1,073,741,823) characters.
DT_TEXT	Text	2^{31}-1	An ANSI/MBCS character string with a maximum length of 2^{31}-1 (2,147,483,647) characters.