

# Decimal Data Type

Decimal data type applies to floating points up to 15 digits in length.

- Punctuation such as commas and dollar signs (\$) are not supported. These markers must be removed from numeric values through transform steps before you can change the type to Decimal.
- The following range is considered safe for values of this type. There may be inconsistencies in output for values outside this range:
  - **Safe minimum:** 4.9406564584124654e-324
  - **Safe maximum:** 1.7976931348623157e+308

## Notes:

- Decimal values that are longer than 15 digits are treated as String values and may appear as mismatched values in a Decimal column.
- Scientific notation is supported.
- Trifacta Wrangler Enterprise utilizes Java's Float data type for its Decimal data validation, which may result in some loss of precision in rare cases.

## Examples:

- 123.45
- 3000.00
- 1.2345678E+22
- 7.4423e-12
- -4.123e+12