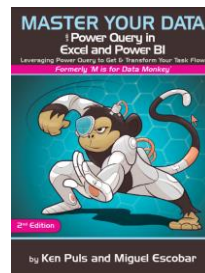


به نام خدا

نرم افزار یا افزونه Power Query مشتمل بر بیش از ۶۰۰ تابع می باشد. این توابع در ۲۴ دسته بندی ارائه شده اند که در لیست زیر مهمترین و کاربردی ترین توابع هر یک از این دسته بندی ها در دسترس شما قرار گرفته است. منبع پیشنهاد برای شروع یادگیری Power Query کتاب Master your data می باشد. نسخه PDF این کتاب در پوشه پاورکوئری در فایل های کلی دوره قرار دارد.



زبان M دارای تعداد بسیار زیادی تابع و تعدادی عبارت (Expression) برای پیاده سازی کد ها می باشد:

```
"Hello World" // a text value
123           // a number
1 + 2        // sum of two numbers
{1, 2, 3}    // a list of three numbers
[ x = 1, y = 2 + 3 ] // a record containing two fields: x and y
(x, y) => x + y // a function that computes a sum
if 2 > 1 then 2 else 1 // a conditional expression
let x = 1 + 1 in x * 2 // a let expression
error "A"    // error with message "A"
```

[لینک مرجع جامع توابع و ساختار کلی زبان M](#)

فهرست دسته بندی ها (قابل کلیک)

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تهیه کننده: پوریا بغدادی

1- Accessing Data Function

Excel.CurrentWorkbook	Finds the tables in the current workbook
Excel.Workbook	Finds the sheets / Tables / Named Ranges in the workbook
Exchange.Contents	Returnss the table of content from the mailbox address
Csv.Document	Convertss the CSV document as a table
Csv.Style.QuoteAfterDelimiter	Quotes a field that is significant immediately following the delimiter
Csv.Style.QuoteAlways	Quotes in a field that is always significant
Folder.Files	Returns the file from the given folder path

2- Binary Function

Binary.Buffer	Retrieves the buffers binary value stable binary values
Binary.Combine	Combines a Returns of binaries and Returnss a single binary
Binary.Compress	Compress the given binary value
Binary.Decompress	Compresses the binary value using the given decompression type
Binary.From	Returns a binary value based on the given value
Binary.Length	Obtains number of characters in the binary value
Binary.ToList	Returns numbers from the given binary value
Binary.ToText	Acquires text value for the given binary number
Binary.FromText	Obtains binary values for the given text values
Binary.FromList	Obtains binary values form given Returns of numbers
Binary	Obtains binary value

3- Combiner Function

Combiner.CombineTextByDelimiter	Combines a text in a single text
Combiner.CombineTextByEachDelimiter	Combines a text in a single text
Combiner.CombineTextByRanges	Combines a text in a single text
Combiner.CombineTextByPositions	Combines a text in a single text
Combiner.CombineTextByLengths	Combines a text in a single text

4- Comparer Function

Comparer.Equals	Presents a logical value based on equality Check
Comparer.FromCulture	Compares logical values based on the given culture
Comparer.Ordinal	Compares the given values x any y using ordinal rules
Comparer.OrdinalIgnoreCase	Compares the given values x any y using case-insensitive ordinal rules

5- Date Function

Date.AddDays	Returns the date, datetime, or date time zone by adding Days
Date.AddMonths	Acquires the date, DateTime, or date-time zone
Date.AddQuarters	Acquires the date, DateTime, or date-time zone
Date.AddWeeks	Returns the date, DateTime, or date timezone by adding a number of Weeks
Date.AddYears	Returns the date, DateTime, or date timezone by adding a number of Years
Date.Day	Extracts day from date, Date Time or date timezone value
Date.DayOfWeek	Returns a number from 0 to 6 that indicates the day of the week
Date.DayOfWeekName	Returns the name of the week for a date
Date.DayOfYear	Returns a number that indicates the day of the year

Date.DayOfMonth	Returns a number that indicates the day of the Month
Date.EndOfDay	Finds the last value of the date, DateTime, or date-time zone
Date.EndOfMonth	Returns the last date of the month from the user-defined date
Date.EndOfQuarter	Returns the end of the quarter from the user-defined date
Date.EndOfWeek	Returns the last day of the week from the user-defined date
Date.EndOfYear	Returns the last day of the year which user-defined
Date.From	Returns the date from the value
Date.FromText	Returns the date from the text
Date.IsInCurrentDay	whether the provided DateTime value occurs during the current day
Date.IsInCurrentMonth	whether the provided DateTime value occurs during the current month
Date.IsInCurrentQuarter	whether the provided DateTime value occurs during the current quarter
Date.IsInCurrentWeek	whether the provided DateTime value occurs during the current week
Date.IsInCurrentYear	whether the provided DateTime value occurs during the current year
Date.IsInNextDay	whether the provided DateTime value occurs during the NextDay
Date.IsInNextMonth	whether the provided DateTime value occurs during the NextMonth
Date.IsInNextNDays	whether the provided DateTime value occurs during the next number of days
Date.IsInNextNMonths	whether the provided DateTime value occurs during the next number of months
Date.IsInNextNquarters	whether the provided DateTime value occurs during the next number of quarters
Date.IsInNextNWeeks	whether the provided DateTime value occurs during the next number of weeks
Date.IsInPreviousNMonths	whether the provided DateTime value occurs during the previous number of months
Date.IsInPreviousNquarters	whether the provided DateTime value occurs during the previous number of quarters
Date.IsInPreviousNWeeks	whether the provided DateTime value occurs during the previous number of weeks
Date.IsInPreviousNYears	whether the provided DateTime value occurs during the previous number of years
Date.IsInPreviousQuarter	whether the provided DateTime value occurs during the previous Quarter
Date.IsInPreviousWeek	whether the provided DateTime value occurs during the previous week
Date.IsInPreviousYear	whether the provided DateTime value occurs during the previous year
Date.IsInYearToDate	whether the provided DateTime value occurs during the current year and is on or before the current day
Date.IsLeapYear	whether the provided DateTime value is a leap year or not
Date.Month	Returns the month from the given date
Day.Friday	Ascertain the number 6 that represents specified weekend
Day.Monday	Ascertain the number 2 that represents specified weekday
Day.Saturday	Ascertain the number 7 that represents specified weekend
Day.Sunday	Ascertain the number 1 that represents specified weekday
Day.Thursday	Ascertain the number 5 that represents specified weekday
Day.Tuesday	Returns a number 3 that represents specified weekday
Day.Wednesday	Ascertain the number 4 that represents specified weekday
Date	Create a date value
Date.IsInNextNYears	whether the provided DateTime value occurs during the next number of Years
Date.IsInNextQuarter	whether the provided DateTime value occurs during the next quarter
Date.IsInNextWeek	whether the provided DateTime value occurs during the next week
Date.IsInNextYear	whether the provided DateTime value occurs during the next Year
Date.IsInPreviousDay	whether the provided DateTime value occurs during the Previous Day
Date.IsInPreviousMonth	Whether the provided DateTime value occurs during the previous month
Date.IsInPreviousNDays	whether the provided DateTime value occurs during the Previous number of Days
Date.MonthName	know the month of the given date
Date.QuarterOfYear	which quarter of the year the date falls in
Date.StartOfDay	Obtains the first date, DateTime, or date-time zone, form the given DateTime by the user
Date.StartOfMonth	Obtains the first date of the month from the user-defined date
Date.StartOfQuarter	Returns the start of the quarter from the user-defined date
Date.StartOfWeek	Obtains the start day of the week which the user-defined
Date.StartOfYear	Obtains the start day of the year which the user-defined
Date.ToRecord	Obtains the date into separate records
Date.ToText	Obtains the text of the date

Date.WeekOfMonth	Obtains the week of the month from the user-defined datetime
Date.WeekOfYear	Obtains the week of the year from the user-defined datetime
Date.Year	Returns the year from the user-defined datetime

6- DateTime Function

DateTime.IsInNextMinute	whether the provided DateTime value occurs during the next minute
DateTime.IsInNextNHours	whether the provided DateTime value occurs during the next number of hours
DateTime.IsInNextSecond	Checks whether the provided DateTime value occurs during the next second
DateTime.IsInPreviousHour	whether the provided DateTime value occurs during the previous hour
DateTimeZone.ToLocal	Converts a timezone value to local timezone value
DateTimeZone.ToRecord	Returns the datetimezone into separate records
DateTimeZone.ToText	Returns the text formation from the given value
DateTimeZone.ToUtc	Converts a timezone value to Utc or universal time
DateTimeZone.ToUtcNow	Converts a timezone to Utc
DateTimeZone.ZoneHours	Converts a timezone to zone hours
DateTimeZone.ZoneMinutes	Converts a timezone to zone minutes
DateTimeZone	Creates a datetimezone value
DateTime.AddZone	Sets the timezone information on the DateTime value
DateTime.Date	Returns the date component from the date, datetime, or datetimezone value
DateTime.FixedLocalNow	Returns the current date and time based on the local zone
DateTime.From	Returns the date-time from the given values
DateTime.FromFileTime	Returns the date time from the window file time value and it Convertss it to the local time zon
DateTime.FromText	Converts the date values from the text
DateTime.IsInCurrentHour	whether the provided DateTime value occurs during the current hour
DateTime.IsInCurrentMinute	whether the provided DateTime value occurs during the Current minute
DateTime.IsInCurrentSecond	whether the provided DateTime value occurs during the current second
DateTime.IsInNextHour	whether the provided DateTime value occurs during the next hour
DateTime.IsInNextNMinutes	whether the provided DateTime value occurs during the next number of minutes
DateTime.IsInNextNSeconds	whether the provided DateTime value occurs during the next number of seconds
DateTime.IsInPreviousMinute	whether the provided DateTime value occurs during the previous minute
DateTime.IsInPreviousNHours	whether the provided DateTime value occurs during the previous number of hours
DateTime.IsInPreviousNMinutes	whether the provided DateTime value occurs during the previous number of minutes
DateTime.IsInPreviousNSeconds	whether the provided DateTime value occurs during the previous number of seconds
DateTime.IsInPreviousSecond	whether the provided DateTime value occurs during the previous second
DateTime.LocalNow	Acquires the current date and time based on the local zone
DateTime.Time	Returns the time by given datetime value
DateTime.ToRecord	Converts DateTime value into records containing of date time values
DateTime.ToText	Obtains the text from the datetime
DateTime	create a datetime value

7- DateTimeZoneFunction

DateTimeZone.FixedLocalNow	Returns the current date and time based on the local zone
DateTimeZone.FixedUtcNow	Returns the current date and time
DateTimeZone.From	Returns the date-time-zone from the given values
DateTimeZone.FromFileTime	Returns the date time from the window file time value and it Convertss it to the local time zone
DateTimeZone.FromText	coverts the date values from the text
DateTimeZone.LocalNow	Returns the current datetimeZone based on the local zone
DateTimeZone.RemoveZone	Returns the only the DateTime without the Time zone

DateTimeZone.SwitchZone	Switches the old timezone to new timezone which information are provided in provided by timezoneHours
DateTimeZone.UtcNow	Returns the current date and time

8- Duration FunctionFunction

Duration.TotalMinutes	Returns total minutes spanned
Duration.TotalSeconds	Returns total Seconds spanned
Duration.TotalHours	Returns total hours spanned
Duration.TotalDays	Returns total days spanned
Duration.FromText	Retrieves the duration value from the provided text value
Duration.From	Returns the textual rePresentation in the form day hour:mins:sec
Duration.ToText	Returns the duration value from the provided value
Duration.ToRecord	Obtains a record that contains parts of duration value
Duration.Days	Obtains day component from the provided duration value
Duration.Hours	Obtains hour component from the provided duration value
Duration.Minutes	Obtains minute component from the provided duration value
Duration.Seconds	Obtains second component from the provided duration value

9- Error handling Function

Diagnostics.ActivityId	Presents an nullable text
Diagnostics.Trace	Presents an value by writing a trace message
Error.Record	Presents record of values
TraceLevel.Critica	Ascertain the value of critical trace level
TraceLevel.Error	Ascertain the value for error trace level
TraceLevel.Warning	Ascertain the value for warning trace level
TraceLevel.Information	Ascertain the value for information trace level
TraceLevel.Verbose	Ascertain the value for verbose trace level

10- Expression value functionFunction

Expression.Constant	Presents the constant value
Expression.Evaluate	Returns the result of evaluating an M expression document
Expression.Identifier	Express representation of an identifier

11- Function valuesFunction

Function.From	present the new Returns by applying the arguments
Function.Invoke	Presents the new returns by applying this function
Function.InvokeAfter	Presents the returns by applying this function
Function.IsDataSource	Presents the new returns by applying this function
Function.ScalarVector	Returnss its single output

12- Lines Function

Lines.FromBinary	Ascertain text values from the binary value
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Lines.FromText	Returns list of text values from the text value
Lines.ToBinary	Converts a Returns of text ina binary value
Lines.ToText	Converts a Returns of text ina single text

13- List Function

List.Intersect	Obtains intersect values from the values and given the output in list(vertical) manner
List.IsDistinct	Returns whether there are duplicates values
List.IsEmpty	Returns the list have any empty in it
List.Last	Acquires the last number
List.LastN	Acquires the lastN number, and we can also specify how many values to return
List.MatchesAll	Check whether given condition matches all criteria
List.MatchesAny	whether the given condition satisfies any one criteria
List.Max	Returns a maximum value from a given range
List.MaxN	Returns The N Maximum value from the given list
List.Min	Returns a maximum value from a given range
List.MinN	Returns a minnum value from a given range
List.Accumulate	Obtains a running total or accumulated total from the given list
List.Median	Acquires the median of a group of numbers
List.Mode	Acquires the most frequently occurring number
List.Modes	Acquires the most frequently occurring number
List.NonNullCount	counts the number of non -null items in the given list
List.Numbers	returns a list of numbers starting at 1
List.PositionOf	Positios of the values from the given list
List.PositionOfAny	Positions of the values from the given list
List.Positions	Returns the list of offsets for the input list
List.Product	Returns the product of the supplied numbers
List.Random	Obtains random number between 0 and 1
List.AllTrue	Returns true if expressions on the list are true
List.Alternate	Returns a list comprised of all the odd numbered offset elements
List.AnyTrue	Returns true if any expressions on the list are true
List.Average	Returns the average value for the given items in a list
List.Buffer	Buffers the list in memory
List.Combine	Returns lists into one single new sheet
List.Contains	Obtains if the list contains the values
List.ContainsAll	Obtains if the list includes all the values in another list
List.ContainsAny	Obtains if the list includes any of the values in another list
List.Count	Obtains the number of items in the list
List.Range	Obtains number from the given range
List.RemoveFirstN	Removes first appears numerical in the list
List.Covariance	Returns the covariance between list 1 and list 2
List.Dates	Return list of date values of size count, starting at start
List.DateTimes	Returns list of datetime values of size count, starting at start
List.DateTimeZones	Returns list of datetimezone values of size count, starting at start
List.Difference	Returns the items in list1 that do not appear in list2
List.Distinct	Returns a list that contains all the values in list, with duplicates Removed
List.Durations	Returns a list of count duration values, starting at start and incremented by the given duration step
List.FindText	Returns a specific text from a list
List.First	Obtains first value from the list

List.FirstN	Obtains the specified number value from the list
List.Generate	Generates the list of values from the given functions
List.InsertRange	Obtains a new list Generated by inserting the given values in the arguments
List.RemoveItems	Returns a list with text and numbers with required additions and deletions
List.RemoveLastN	lists text and numbers with specified deletions
List.RemoveMatchingItems	Eliminates the similar occurrences of list 2 from the list 1
List.RemoveNulls	Lists elements other than nulls
List.RemoveRange	Eliminates the values in the list with the help of starting point
List.TransformMany	Returns the resultant element by applying collection transform function
List.Repeat	Returns the repeated value
List.ReplaceMatchingItems	Replaces the old value with the new value in the Returns
List.ReplaceRange	Replaces count values in the new Returns with specified Index
List.ReplaceValue	Replaces values in the new Returns
List.Reverse	Returns the elements in reverse order
List.Union	Returns the value in individual Returns and Returnss the output in a single sheet
List.Select	Returns the selected value
List.Single	Returns the single elements required
List.SingleOrDefault	Returns the selected single or default
List.Skip	Returnss the elements after skipping required elements
List.Sort	Enables us sort the elements of the Returns in a specified order
List.Zip	Returns the data at same positions
List.Split	Returns the split data
List.StandardDeviation	Returns the standard deviation of the numbers in the Returns based on samples
List.Sum	Returns the sum of the numbers in the Returns
List.Times	Returns the time value
List.Transform	Presents the new Returns by applying this function

14- Logical Function

Logical.From	Obtains a logical value
Logical.FromText	Ascertainss a logical value from text
Logical.ToText	Acquires a text from logical value

15- Number Function

Number.Asin	Obtains the arcsine of a number
Number.Atan	Returns the arctangent of a number
Number.Atan2	Returns the arctangent of a x and y coordinates
Number.BitwiseAND	Returns the end results of BitwiseAND operation
Number.BitwiseNot	Returns the end results of BitwiseNot operation
Number.BitwiseOr	Returns the end results of BitwiseOr operation
Number.BitwiseShiftLeft	shift bitwise left to the number specified by number of bits
Number.BitwiseShiftRight	shift bitwiseright to the number specified by number of bits
Number.BitwiseXor	Returns the end results of BitwiseXor operation
Number.Combinations	Gets the number of combinations available in a list
Number.FromText	Returns a number value for the given text value

Number.IntegerDivide	Divide 2 numbers and Returns the integer value of it
Number.IsEven	Check if the given numerical is even or not
Number.IsNaN	Check whether given value is not a numerical value
Number.IsOdd	Check if the given numerical value is odd or not
Byte.From	Coverts the numerical to 8 -integer
Currency.From	Converts number value to currency value
Decimal.From	Converts number value to decimal value
Double.From	Converts number value into double value
Int8.From	Converts the numerical value into signed 8-bit integer
Int16.From	Converts the numerical value into signed 16-bit integer
Int32.From	Converts the numerical value into signed 32-bit integer
Int64.From	Converts the numerical value into signed 64-bit integer
Number.Abs	Returns a absolute value
Number.Acos	Returns a arccosine value
Number.Cos	Returns a cosine value
Number.Cosh	Returns a hyperbolic cosine value
Number.Exp	Returns the value of e-raised to the power of a number
Number.Factorial	Returns factorial of a number
Number.From	Returns a numeric values
Number.Ln	Acquires the natural logarithm of a number
Number.Log	Acquires the logarithm of a number from the given value
Number.Log10	Obtains the base-10 logarithm of a number
Number.Mod	Acquires reminder value for the given Number
Number.Permutations	Obtains the each possible arrangement for the given number
Number.Power	Obtains raise a number to a power for the given number
Number.ToText	Acquires text from the given numerical value
Percentage.From	Acquiress Percentage value from the given numerical value
Number.Random	Obtains a random number between 0 to 7
Number.RandomBetween	Obtains a random number between the top and bottom
Number.Round	Rounds a number to the nearest number
Number.RoundAwayFromZero	Rounds a number based on the sign of the number
Number.RoundDown	Rounds a number down to the nearest integer
Number.RoundTowardZero	Rounds a number based on the sign of the number
Number.RoundUp	Rounds a number down to the nearest integer
Number.Sign	Number to Check whether the given number is positive, negative or zero
Number.Sin	Specifies the sin of a number
Number.Sinh	Specifies the sinh of a number
Number.Sqrt	Ascertain the square root of a given number
Number.Tan	Specifies the tangent of a number
Number.Tanh	Specifies the hyperbolic tangent of a number
Number.PI	Returns the value of Pi
RoundingMode.Up	Rounds up the value
RoundingMode.Down	Rounds down the value
RoundingMode.AwayFromZero	ascertain the value away from zero
RoundingMode.TowardZero	Ascertain the value toward zero
RoundingMode.ToEven	Ascertain the value Even number
Number.NaN	Ascertain a constant of 0 divided by
Number.NegativeInfinity	Ascertain constant value -1 divided by 0
Number.PositiveInfinity	Ascertain a constant value of 1 divided by 0
Number.Epsilon	Ascertain a smallest positive number
Single.From	Ascertain Single number value from the given value

16- Record Function

Record.FieldCount	Obtains a number of fields into record
Record.HasFields	Knows if the specified field is present in the list

Record.AddField	Adds a field into a record
Record.Combine	Combine the records
Record.RemoveFields	Removes specific fields from the records
Record.RenameFields	Rename specific fields from the records
Record.ReorderFields	Reorders specific fields from the records
Record.TransformFields	Transforms a field in a record
Record.Field	Returns a value from record
Record.FieldNames	Returns name of the field from the record
Record.FieldOrDefault	Returns the specific field else the default value
Record.FieldValues	Returns a list of the field values in record
Record.SelectFields	records specified fields under the list argument
Record.FromList	Returns a record given a list of field values and a set of field
Record.FromTable	Returns a record from table records containing field names and value names
Record.ToList	Returns a list of values containing the field values from the input
Record.ToTable	Returns the table from the record
MissingField.Error	Indicates that missing fields should result in an error
MissingField.Ignore	Indicates that missing fields should be ignored
MissingField.UseNull	Indicates that missing fields should be included as null values

17- Replacer Function

Replacer.ReplaceText	Replaces a text
Replacer.ReplaceValue	Replaces a text

18- Splitter Function

Splitter.SplitByNothing	Returns a function that does no splitting. Returns its argument as a single element list
Splitter.SplitTextByAnyDelimiter	split a text using delimiter
Splitter.SplitTextByCharacterTransition	Returns a function that splits text in a list of text according a transition from one kind of character another
Splitter.SplitTextByDelimiter	split text in a list of text according the specified delimiter
Splitter.SplitTextByEachDelimiter	splits text in a list of text at each specified delimiter in sequence
Splitter.SplitTextByLengths	splits text in a list of text at each specified delimiter in sequence
Splitter.SplitTextByPositions	splits text in a list of text at each specified position
Splitter.SplitTextByRanges	splits text in a list of text according the specified offsets and lengths
Splitter.SplitTextByRepeatedLengths	splits text in a list of text after the specified length repeatedly
Splitter.SplitTextByWhitespace	splits text in a list of text at whitespace
QuoteStyle.None	Quotes characters have no significance
QuoteStyle.Csv	Quotes characters indicate the start of a quoted string

19- Table Function

Table.Partition	split the table in list of tables based on the group.
Table.Range	Begin table row from the given range
Table.RemoveFirstN	omit first row of the table
Table.RemoveLastN	omit last row of the table

Table.RemoveRows	Removes row of the table
Table.RemoveRowsWithErrors	Removes error value from the given table
Table.Repeat	repeat rows as specified
Table.ReplaceRows	Replaces rows as specified
Table.ReverseRows	Obtains the entire rows in backwards order
Table.SelectRows	Inspect and display the rows which meet the satisfy the condition given by the user
Table.SelectRowsWithErrors	picks only the row has an error value in the table
Table.Skip	skip number of row
Table.SingleRow	Converts the rows into table
Table.Column	Returns the specified data from the column
Table.ColumnNames	Obtains the column names from the table table
Table.ColumnsOfType	retrieves specified types of list from given column in the table
Table.DemoteHeaders	Returns the column headers to the first row
Table.HasColumns	Indicates whether the table have contains the specified column
Table.SelectColumns	inspect and display the columns which satisfy the condition given by the user
Table.PrefixColumns	prefix the text with all the column names
Table.PromoteHeaders	Returns the first rows value as the column header
Table.DuplicateColumn	Check whether there is any repetition of the column name
Table.RemoveColumns	Removes specific columns from the table
Table.RenameColumns	rename specific columns from the table
Table.ReorderColumns	rename specific columns from the table
Table.TransformColumnNames	transform columns name from the table
Table.InsertRows	Inserts a row in a table
Table.LastN	Acquires lastN row
Table.Last	Acquires last row from the given
Table.MatchesAllRows	Examines whether all the rows in the table meets the condition
Table.MatchesAnyRows	Examines whether any of the rows in the table meets the condition
Table.AddColumn	Adds on new column the table
Table.FillUp	Fills the null columns inthe table
Table.ExpandListColumn	Expands the given Returns
Table.ExpandTableColumn	Expands columns from the given table
Table.TransformRows	Transforms the row value
Table.Transpose	Converts columns inrows and rows incolumn
Table.ToRows	Returns of nested Returns
Table.ToColumns	Returns of nested Returns
Table.Contains	Inspects whether the specified record, row appears the table
Table.ContainsAll	Inspects whether the all specified record, row appears the table
Table.ColumnCount	Returns the number of columns in a table
Table.AlternateRows	Takes and skip the give rows (table, offset, skip and take)
Table.ContainsAny	Inspect whether any of the specified record, row appears the table
Table.IsDistinct	Check whether given rows are distinct
Table.PositionOf	Obtains the row position from the given table input
Table.PositionOfAny	Obtains row(s) position(s) from the given table input
Table.RemoveMatchingRows	Removes all matching rows
Table.ReplaceMatchingRows	Replaces all matching rows
Table.Max	Obtains the row which has largest value
Table.MaxN	Returns the N Maximum value from the table
Table.Min	Obtains the row which has smallest value
Table.MinN	Returns the N minimum value from the table
Table.FindText	Obtains a specific text from the table
Table.ReplaceValue	Replaces the old value in the specified columns of the table
Table.IsEmpty	Inspect whether the given has any empty rows
Table.SplitColumn	Breaks specified column inset of additional column
Table.CombineColumns	Amalgamates specified columns a new column
Table.FirstValue	Returns first value of a column from the table else the value specified in the default parameter
Table.Schema	Returns a table describing the columns of it

Table.Profile	Returns a profile for the columns in table
JoinKind.Inner	Returns a table resulting from an inner join contains a row for each pair of rows
JoinKind.LeftOuter	Ensure that all rows of the first table appear in the result
JoinKind.RightOuter	Ensure that all rows of the first table appear in the result
JoinKind.FullOuter	Ensure that all rows of both table appear in the result
JoinKind.LeftAnti	Ensures all rows from the first table that does not have a match in the second table
JoinKind.RightAnti	Ensures that all rows from the second table, does not have a match in the first table
ExtraValues.Error	Raise an error if the splitter function ascertains more columns than the table expects
Table.FromValue	Creates a table with a column
Tables.GetRelationships	Obtains relationships among a set of tables
Table.FromColumns	Generates table columns from the given Returnss of values
Table.FromPartitions	Combines a set of partitioned tables
Table.PartitionValues	Returns the table based on the given column values
Table.FromRows	Generatess a table from the provided the Returns of rows
Table.RowCount	Returns the number of columns in a table
Table.ToRecords	Converts table inReturnss of records
Table.FromRecords	Converts Returnss of records intable
Table.AddKey	Adds a key table
Table.ReplaceKeys	Replaces a keys from a table
Table.First	Obtains first row of the table
Table.FirstN	Obtains first row(s) of the table
Table.Group	Groups the rows
Table.Join	Joins the table rows
Table.AddJoinColumn	Joins the table column
Table.AddIndexColumn	Adds index to the table
Table.FillDown	Fills the null columns into the table
Table.TransformColumns	Transforms the column specified
Table.TransformColumnTypes	Transforms the column specified
Table.Sort	Sorts the table
Table.Distinct	Obtains a distinct value
Table.ExpandRecordColumn	Separates column for each field in the record
Table.AggregateTableColumn	Aggregates values into multiple column
Table.Combine	Merge a list of tables
Table.Pivot	Summaries of the table
Table.Unpivot	Unpivot the attribute-value pairs
Table.UnpivotOtherColumns	Unpivot to all columns other than a specified set into the attribute-value pairs
Table.ReplaceErrorValues	Replaces the error with value
Table.Split	Breaks the table into lists of the table
Table.Buffer	Buffers a table in memory
RowExpression.From	Obtains AST for the function
RowExpression.Row	Obtains AST for the row
RowExpression.Column	Creates AST represents access to column columnName
ItemExpression.From	Obtains AST for the function
ItemExpression.Item	Obtains AST for the row
Table.ViewFunction	Returns View by table

20- Text Function

Character.FromNumber Function	Converttss the numerical values to a string value
Character.ToNumber Function	Converttss the numerical values to a string value
Guid.From Function	Identify the unique in a network that has many computers at many sites

Json.FromValue Function	Exchange data between a server and web application
Text.AfterDelimiter Function	Separate the text after the delimiter
Text.At Function	Finds the exact position of the particular word
Text.BeforeDelimiter Function	Separate the text before the delimiter
Text.BetweenDelimiters Function	Specified text from the entire text which is specified start Delimiter and end Delimiter
Text.Clean Function	Removes all non-printable characters from the given text value
Text.Combine Function	Combine the lists of words to single word
Text.Contains	Check any repetition of string
Text.End	Check any repetition of string
Text.EndsWith	whether text values end with the specified value substring
Text.Format	Separate text from the argument and string value
Text.From	Text representation value from any type format
Text.FromBinary	Converts data from binary format to text values format
Text.InferNumberType	Returns the infer number type of the text
Text.Insert	Inserting new Text into the existing text value with the help of offset positions
Text.Length	Returns the length of text
Text.Lower	Returns the text into Lower case
Text.Middle	Extract text from inside specific string
Text.NewGuid	Returns the new random Guid number
Text.PadEnd	Returns text value padded to length count by inserting spaces at the end of the text value text
Text.PadStart	Returns text value padded to length count by inserting spaces at the Start of the text value text
Text.PositionOf	Returns specified position of the specified text value
Text.Split	split text value from a cell
Text.SplitAny	split text value from a cell
Text.Start	Returns first characters from a text
Text.StartsWith	whether the text is starting with specified substring
Text.ToBinary	Converts text value to binary value
Text.ToList	Converts text value to list
Text.Trim	Removes all leading and trailing whitespace from text value
Text.TrimEnd	Removes all trailing whitespace from end of the text value
Text.TrimStart	Removes all leading whitespace from start of the text value
Text.Upper	Converts text to uppercase
Text.PositionOfAny	Returns position first occurrence of the character from the text value given by the user
Text.Proper	Returns Capitalize the first letter in each text
Text.Range	Returns substring from the text with helps of offset
Text.Remove	Removes the unnecessary characters present in text values
Text.RemoveRange	Removes the character from the position of offset
Text.Repeat	Repeat text as specified
Text.Replace	Replaces text based on location
Text.ReplaceRange	Replaces text based on location
Text.Reverse	Returns the reverse value
Text.Select	Returns the characters without the special characters(#,@,!))
RelativePosition.FromStart	Indicates index to start from the beginning of the input
RelativePosition.FromEnd	Indicates index to start from the end of the input.
TextEncoding.Utf8	To choose the UTF8

TextEncoding.Utf16	To choose UTF16
TextEncoding.Ascii	To choose Ascii
TextEncoding.Unicode	Unicodes little endian binary form
TextEncoding.BigEndianUnicode	UTF big- endian binary form
TextEncoding.Windows	Selects the Windows binary form

21- Time Function

Time.EndOfHour	Obtains EndOfHour
Time.From	Returns the date-time from the given values
Time.FromText	Converts the date values from the text
Time.Hour	Ascertain hour from the given time ,datetime
Time.Minute	Obtains minute for the given value
Time.Second	Obtains seconds from the time-value
Time.StartOfHour	Obtains first value of hour for the given time, Date-time value
Time.ToRecord	Converts DateTime value into records containing of date time values
Time.ToText	Obtains the text from the datetime
Time	create a time value.

22- Type Function

Type.TableSchema	Describes the columns tabletype
Type.ForRecord	Identifies the type which represents records
Type.ForFunction	Obtains the function type
Type.NonNullable	Identifies the non-nullable type
Type.IsNullable	Inspects weather the provided is type is nullable
Type.ListItem	Obtains the item type
Type.OpenRecord	Opens version from the provided record type
Type.ClosedRecord	Closes version from the provided record type
Type.IsOpenRecord	Identifies the provided record type is open
Type.RecordFields	Obtains name and value from the provided record
Type.FunctionParameters	Obtains name of the parameters type
Type.FunctionRequiredParameters	Indicates the minimum number to invoke the input
Type.FunctionReturn	Returns the type from the provided function
Type.Union	Obtains union of the types
Type.Facets	Obtains facets from the type(s)
Type.ReplaceFacets	Replaces the facets
Type.TableColumn	Obtains the type of the column
Type.TableKeys	Acquires empty list of keys
Type.AddTableKey	Adds a key
Type.ReplaceTableKeys	Replaces the old tabletype with new table type

23- Uri Function

Uri.Combine	Combines URI
Uri.Parts	Obtains the parts of absoluteUri
Uri.BuildQueryString	Assembles the query into a URI query string
Uri.EscapeDataString	Encodes the special characters

24- Value Function

Precision.Double	Specifies double precision
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Precision.Decimal	Specifies decimal precision
Value.Equals	Inspects provided value are equal
Value.NullableEquals	Inspects the provided argument is null
Value.Compare	Checks first value is less than, equal to, or greater than the second value
Value.Type	Obtains the type of the given value
Value.RemoveMetadata	Clears the metadata
Value.ReplaceMetadata	Replaces the input's metadata
Value.Metadata	Contains the input's metadata
Value.FromText	Obtains a value from the given text value
Value.Add	Adds the provided value
Value.Subtract	Subtracts the provided value
Value.Multiply	Multiplies the provided value
Value.Divide	Divides the provided value
Value.NativeQuery	Evaluates the query
Embedded.Value	Access the value