### Text Manipulation Functions

1. TEXT (Used for custom formatting with FORMAT )

FormattedDate = FORMAT([DateColumn], "MMMM DD, YYYY")

2. CONCATENATEX (Concatenates text with a delimiter)

CombinedText = CONCATENATEX (Table, Table[Column], ", ")

3. CONCATENATE (Combines two text strings)

Combined = CONCATENATE([Text1], [Text2])

4. LEFT (Extracts left part of a string)

LeftText = LEFT([TextColumn], 5)

5. RIGHT (Extracts right part of a string)

RightText = RIGHT([TextColumn], 4)

6. MID (Extracts substring from the middle of a string)

MidText = MID([TextColumn], 2, 3)

7. UPPER (Converts text to uppercase)

UpperText = UPPER([TextColumn])

8. LOWER (Converts text to lowercase)

LowerText = LOWER([TextColumn])

9. TRIM (Removes extra spaces from text)

TrimmedText = TRIM([TextColumn]

10. REPLACE (Replaces part of a text string)

ReplacedText = REPLACE([TextColumn], 1, 3, "New")

11. SEARCH (Finds the position of a substring)

Position = SEARCH("text", [TextColumn], 1, 0)

12. FIND (Similar to SEARCH , but case-sensitive)

Position = FIND("text", [TextColumn], 1, 0)

13. SUBSTITUTE (Substitutes new text for old text)

SubstitutedText = SUBSTITUTE([TextColumn], "old", "new")

14. VALUE (Converts text to a number)

NumberValue = VALUE([TextColumn])

15. FORMAT (Formats numbers or dates as text)

FormattedNumber = FORMAT([NumberColumn], "0.00")

### Additional Text Functions and Techniques

16. ISBLANK (Checks if a value is blank; useful with text checks)

CheckBlank = ISBLANK([TextColumn])

17. IF (Used in conjunction with text for conditional logic)

Result = IF([Condition] = "Value", "TrueText", "FalseText")

18. LEN (Returns the length of a text string)

Length = LEN([TextColumn])

19. REPT (Repeats text a specified number of times)

RepeatedText = REPT("Text", 3)

20. EXACT (Checks if two text strings are exactly the same)

IsExact = EXACT([Text1], [Text2])

21. LEFT with Dynamic Length (Using LEN for variable length)

LeftDynamic = LEFT([TextColumn], LEN([TextColumn]) - 1)

22. RIGHT with Dynamic Length

RightDynamic = RIGHT([TextColumn], LEN([TextColumn]) - 2)

23. MID with Dynamic Start and Length

MidDynamic = MID([TextColumn], 2, LEN([TextColumn]) - 3)

24. TEXTJOIN (Concatenates a range of strings with a delimiter) - Not available directly in but can be simulated with CONCATENATEX .

TextJoin = CONCATENATEX(Table, Table[Column], ", ")

25. UNICHAR (Returns the Unicode character based on a given number)

UnicodeChar = UNICHAR(169) -- © symbol

26. UNICODE (Returns the Unicode value of the first character)

UnicodeValue = UNICODE("A")

27. REPLACE (Replacing characters based on position)

ReplacedText = REPLACE([TextColumn], 1, 4, "XXXX")

28. CLEAN (Removes non-printable characters from text) - Not directly available in , but similar effects can be achieved with other text functions.

29. STRING\_AGG (Aggregates text values) - Not available directly in , but can be simulated with CONCATENATEX .

30. PARENS (Simulates handling parentheses or special characters) - Not available directly in , but can be managed with REPLACE and SUBSTITUTE .

31. DURATION (Simulates extracting parts of durations or similar patterns) - Use MID , LEFT , RIGHT for custom duration manipulations.

32. FIND with Case Sensitivity (Similar to SEARCH , but case-sensitive)

FindPosition = FIND("text", [TextColumn], 1, 0)

33. TRIM and CLEAN Combination (Remove extra spaces and non-printable characters)

CleanedText = TRIM(CLEAN([TextColumn]))

34. REGEX (Regular expressions are not directly supported in , but similar patterns can be matched using string functions.)

35. REVERSE (Reverse the string - Not available in , but can be simulated with a custom function.)

36. CHOOSE (Selects a value from a list based on an index - useful with text)

ChosenText = CHOOSE([Index], "First", "Second", "Third")

37. ISNUMBER (Check if text can be converted to a number)

IsNum = ISNUMBER(VALUE([TextColumn])

38. ISTEXT (Checks if a value is text)

IsText = ISTEXT([TextColumn])

39. ISERROR (Checks if a value is an error - useful with text conversion)

IsError = ISERROR(VALUE([TextColumn]))

40. SWITCH (Evaluates an expression against a list of values and returns the corresponding result)

TextSwitch = SWITCH([Expression], 1, "One", 2, "Two", "Other")

41. IFERROR (Not available directly but can be handled with IF and ISERROR for error handling)

42. EXACT with Case Sensitivity (for comparing text strings)

ExactMatch = EXACT([Text1], [Text2])

43. TEXT Function in Custom Measures (Use FORMAT instead)

CustomFormatted = FORMAT([YourNumericColumn], "$#,##0.00")

44. CONTAINS (Checks if a column contains a specific text value)

ContainsText = CONTAINS(Table, Table[TextColumn], "Value")

45. CONTAINSSTRING (Checks if a text column contains a specific substring)

ContainsString = CONTAINSSTRING([TextColumn], "substring")

46. CONTAINSSTRINGEXACT (Checks for an exact substring match)

ContainsExact = CONTAINSSTRINGEXACT([TextColumn], "exact")

47. TEXTSPLIT (Simulates text splitting based on delimiters - Not available directly, but can use other functions to achieve similar results)

48. REVERSE (Reverse text string functionality - Not directly available, but can be simulated with custom logic)

49. MID for Dynamic Lengths (Extract parts of text with dynamic lengths)

DynamicMid = MID([TextColumn], 1, LEN([TextColumn]) - 1)

50. EXACT for Comparison (Used for comparing text with exact match)

TextExact = EXACT([Text1], [Text2])