

Deep-dive into Tableau

Part 7 – Functions

Content

- Date Function
- Number Function
- String Functions
- Logical Functions

Logical Function

- Logical functions allow finding whether the given condition is true or false.
- Logical functions are incredibly useful for building custom categorization
- Most commonly use logical functions are:
 1. IF
 2. THEN
 3. ELSE
 4. ELSEIF
 5. IFNULL
 6. IIF
 7. AND
 8. OR
 9. CASE
 10. END

Date Functions

- Date function allows us to manipulate date field with YEAR,MONTH, QUARTER,DAY
- Using this existing values we can create new date function.
- Some of date function which are widely used are:
 1. DATE
 2. DATEADD
 3. DATEDIFF
 4. DATENAME
 5. DATEPART
 6. DATETRUNC
 7. MAKEDATE

String Function

- String function are used to manipulate string data type of data in the data sources
- Tableau provides various string function to format or alter string data or substring.
- Most widely used string functions are:
 1. CONTAINS
 2. FIND
 3. LEFT
 4. LEN
 5. RIGHT
 6. STR

Number Functions

- Number function in tableau allows us to perform calculations on the field present in the connected data sources
- Types of Number functions
 1. Mathematical number function
 2. Trigonometric number function
 3. Statistical number function
- Most commonly used number functions are
 1. ABS
 2. ZN
 3. MAX
 4. MIN

Thank You