

## Calculated fields, functions, and operators with Tableau

Use the `disney_plus_titles.csv` file.

1. Create a new field that shows how many characters are in the title.
2. Calculate the age of the movie. For example, if it came out in 2020 then its age is 4.
3. Convert the *Listed In* genres to all lowercase letters.
4. Replace the 's' in front of each Show Id with `show_id_`. For example, `s10` must become `show_id_10`.
5. Remove the 'TV' from 'TV Show' from *Type*.
6. Create a field that shows "Funny" if a movie has "Comedy" in the genre list or "Not Funny" if it doesn't. Use an if statement.
7. Do the same as part 6 but use IIF instead of IF.
8. Create a field that shows "Funny for kids" if a movie has "Comedy" and "Animation" in the genre list, "Funny" if it has "Comedy" but no "Animation" and "Not funny" otherwise.
9. Create a Boolean field that says True if the value in *Country* is null or False otherwise.
10. Reverse the True/False from step 9.
11. Replace the nulls in *Country* with 'Not USA' use IF or IIF.
12. Split the *Duration* into a number and a string.
13. Create a field that will show the duration as hours and minutes. For example, if the minutes column says 102, your field must say 1h 42m (with space in between).  
Hint: When working with string data the + operator concatenates them.  
For example: 'Cute' + 'Dog' will give you 'CuteDog'  
'2'+ '4' will give you '24'

Hint: You can temporarily cast data into a different type within the calculated field. For example, `STR([Runtime])` will convert the runtime number into a string.