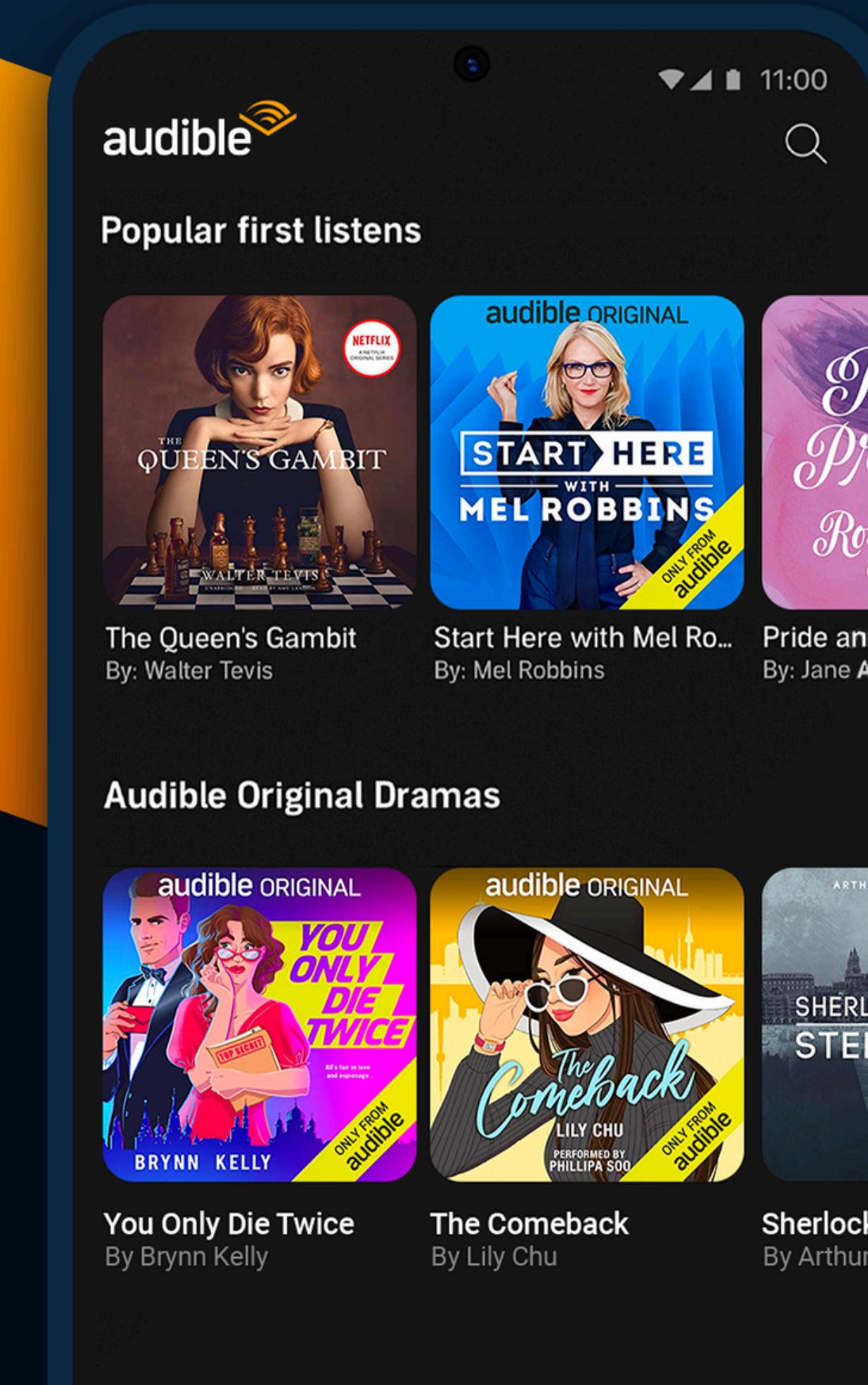
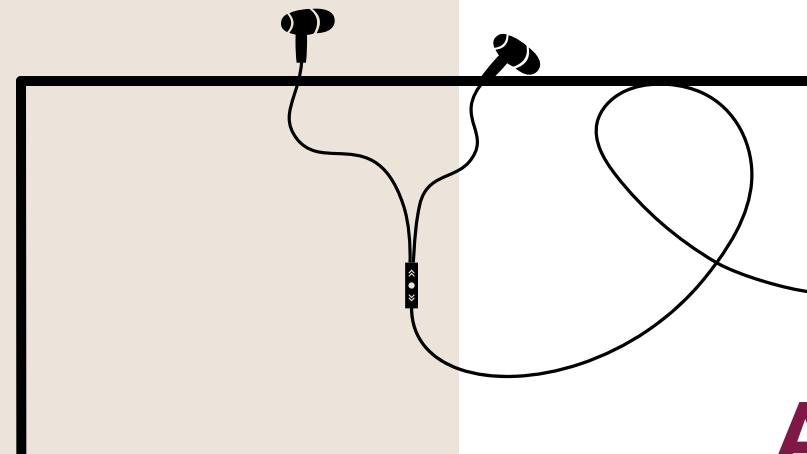
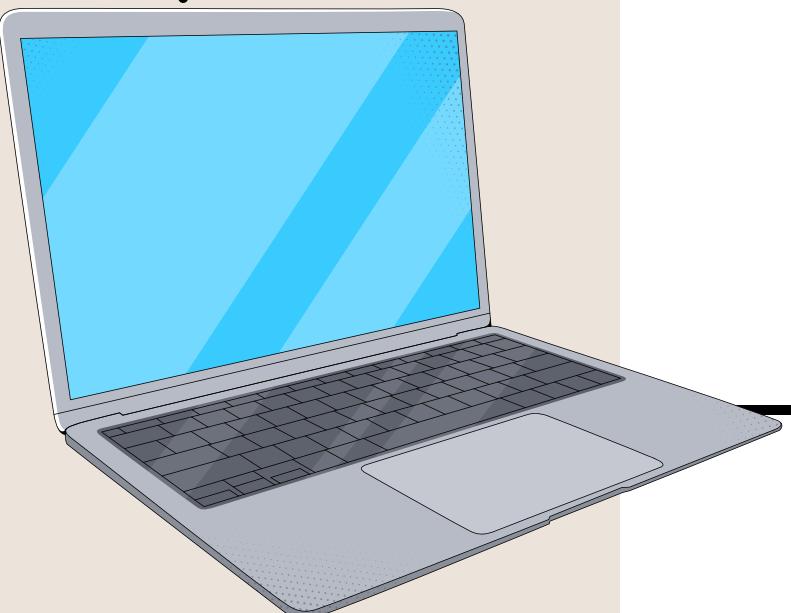
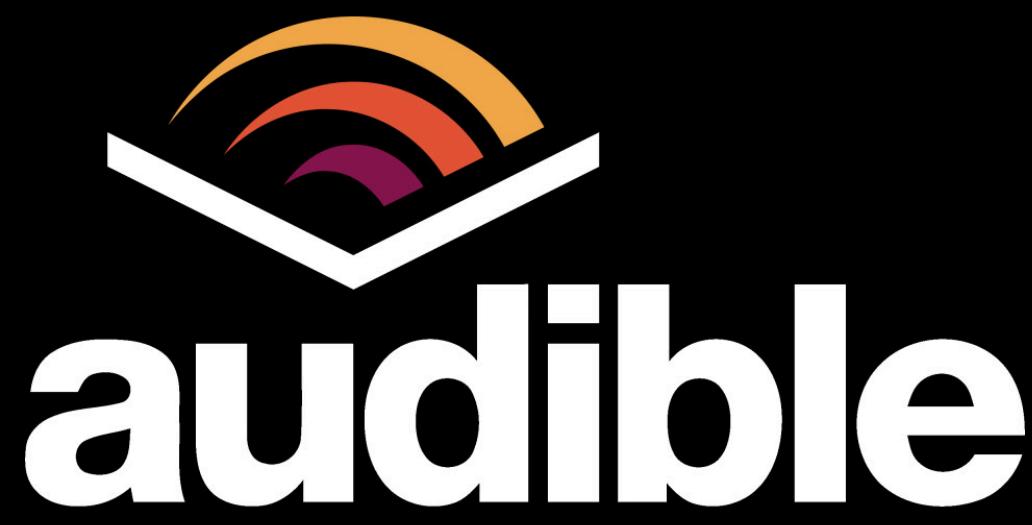


# AUDIBLE DATA CLEANING PROJECT WITH POWER QUERY

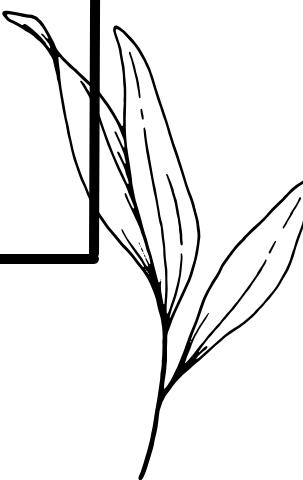
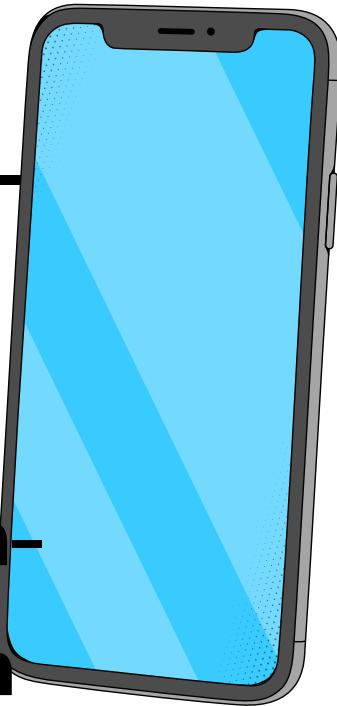


# Podcasts, Audiobooks & Audible Originals

# INTRODUCTION



**Audible is the world's leading provider of spoken-word entertainment and audiobooks. Founded in 1995 and acquired by Amazon in 2008, Audible offers a vast library of audiobooks, podcasts, guided wellness programs, and original audio content across multiple genres. With millions of titles narrated by professional voice actors, authors, and celebrities, Audible has transformed how people consume books and stories by making them accessible anytime, anywhere.**





# PROJECT DESCRIPTION



**Utilize Power Query Editor in Excel to clean and standardize an Audible dataset. Tasks include formatting columns, ensuring data consistency, and preparing the dataset for analysis..**

- Standardize the name column to ensure consistent title casing.
- Separate combined first and last names in the author column if they are currently combined.
- Ensure all entries in the releasedate column follow a consistent date format (DD-MM-YYYY).
- Convert the time column from text format to a duration format that Excel recognizes.
- Ensure the price column is in a numeric format, and identify any non-numeric values.
- Convert text ratings in the stars column to numeric values.
- Split the narratedby column into multiple columns if multiple narrators are listed.
- Merge the releasedate and language columns into a single new column named releaseinfo with the format "DD-MM-YYYY, Language."
- Ensure all currency values in the price column are formatted consistently with two decimal

# Uncleaned data with errors

	name	author	narrator	time	releasedate	language	stars	price
3	The Burning Maze	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 8 mins	01-05-2018 00:00	English	4.5 out of 5 stars41 ratings	820
4	The Deep End	Writtenby:JeffKinney	Narratedby:DanRussell	2 hrs and 3 mins	06-11-2020 00:00	English	4.5 out of 5 stars38 ratings	410
5	Daughter of the Deep	Writtenby:RickRiordan	Narratedby:SoneelaNankani	11 hrs and 16 mins	05-10-2021 00:00	English	4.5 out of 5 stars12 ratings	615
6	The Lightning Thief: Percy Jackson, E	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs	13-01-2010 00:00	English	4.5 out of 5 stars181 ratings	820
7	The Hunger Games: Special Edition	Writtenby:SuzanneCollins	Narratedby:TatianaMaslany	10 hrs and 35 mins	30-10-2018 00:00	English	5 out of 5 stars72 ratings	656
8	Quest for the Diamond Sword	Writtenby:WinterMorgan	Narratedby:LukeDaniels	2 hrs and 23 mins	25-11-2014 00:00	English	5 out of 5 stars11 ratings	233
9	The Dark Prophecy	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 32 mins	02-05-2017 00:00	English	5 out of 5 stars50 ratings	820
10	Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 56 mins	02-05-2017 00:00	English	5 out of 5 stars5 ratings	1256
11	The Tyrantâ€™s Tomb	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 22 mins	24-09-2019 00:00	English	5 out of 5 stars58 ratings	820
12	The Titan's Curse: Percy Jackson, Bo	Writtenby:RickRiordan	Narratedby:JesseBernstein	8 hrs and 48 mins	14-01-2010 00:00	English	4.5 out of 5 stars130 ratings	820
13	Magic Tree House Collection: Books	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 23 mins	24-08-2011 00:00	English	5 out of 5 stars6 ratings	1206
14	Magic Tree House Collection: Books	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	6 hrs and 1 min	27-09-2011 00:00	English	5 out of 5 stars7 ratings	1206
15	Magnus Chase and the Ship of the D	Writtenby:RickRiordan	Narratedby:MichaelCrouch	12 hrs and 58 mins	03-10-2017 00:00	English	5 out of 5 stars41 ratings	820
16	Northern Lights	Writtenby:PhilipPullman	Narratedby:PhilipPullman,fullcast,Rui	11 hrs and 55 mins	24-06-2021 00:00	English	4 out of 5 stars2 ratings	1093
17	Geronimo Stilton #13 and #14	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 25 mins	08-02-2008 00:00	English	4.5 out of 5 stars33 ratings	467
18	Magic Tree House Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 4 mins	26-12-2004 00:00	English	5 out of 5 stars7 ratings	1206
19	Exile	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	14 hrs and 41 mins	06-11-2018 00:00	English	5 out of 5 stars20 ratings	836
20	Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 18 mins	02-05-2017 00:00	English	5 out of 5 stars11 ratings	1256
21	Neverseen	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	16 hrs and 42 mins	06-11-2018 00:00	English	5 out of 5 stars13 ratings	1003
22	The Tower of Nero	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 12 mins	06-10-2020 00:00	English	5 out of 5 stars79 ratings	615
23	Eldest: The Inheritance Cycle, Book	Writtenby:ChristopherPaolini	Narratedby:GerrardDoyle	23 hrs and 29 mins	14-04-2009 00:00	English	4.5 out of 5 stars47 ratings	957
24	Artemis Fowl	Writtenby:EoinColfer	Narratedby:GerryO'Brien	6 hrs and 46 mins	11-04-2013 00:00	English	5 out of 5 stars27 ratings	683
25	Geronimo Stilton 22 & 24	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 37 mins	01-02-2011 00:00	English	4.5 out of 5 stars25 ratings	469
26	Percy Jackson and the Battle of the I	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs and 32 mins	21-01-2010 00:00	English	5 out of 5 stars101 ratings	820
27	Winnie-the-Pooh	Writtenby:A.A.Milne	Narratedby:PeterDennis	2 hrs and 46 mins	28-12-2003 00:00	English	5 out of 5 stars15 ratings	468
28	Magic Tree House Collection: Books	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	7 hrs and 9 mins	01-09-2020 00:00	English	5 out of 5 stars3 ratings	1256
29	Geronimo Stilton #20 and #21	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 32 mins	01-10-2010 00:00	English	5 out of 5 stars18 ratings	469
30	The Red Pyramid	Writtenby:RickRiordan	Narratedby:JaneCollingwood,JosephM	13 hrs and 44 mins	24-01-2013 00:00	English	4.5 out of 5 stars37 ratings	820
31	Mystery of the Griefer's Mark	Writtenby:WinterMorgan	Narratedby:LukeDaniels	1 hr and 53 mins	25-11-2014 00:00	English	5 out of 5 stars9 ratings	233
32	Geronimo Stilton #17	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 28 mins	13-07-2009 00:00	English	5 out of 5 stars8 ratings	468
33	The House at Pooh Corner	Writtenby:A.A.Milne	Narratedby:PeterDennis	3 hrs and 12 mins	05-04-2005 00:00	English	5 out of 5 stars5 ratings	374
	Mission Unstoppable	Writtenby:DanGutman	Narratedby:MichaelGoldstrom	6 hrs and 8 mins	01-08-2013 00:00	English	5 out of 5 stars8 ratings	702

Queries & Con..

Queries

1 query

Table1

87,489 rows loaded. 338 errors.

338 errors

- Standardize the name column to ensure consistent title casing.

Data Type: Text    Replace Values    Unpivot Columns    Merge Columns  
 Detect Data Type    Fill    Move    ABC Extract  
 Rename    Pivot Column    Convert to List    abc Parse  
 Any Column

```
= Table.TransformColumns(#"Changed Type", {{"name",
```

	A <sup>B</sup> name	A <sup>B</sup> author
• Valid		100%
• Error		0%
• Empty		0%
1	Geronimo Stilton #11 & #12	Writtenby:Ge
2	The Burning Maze	Writtenby:RickRiordan
3	The Deep End	Writtenby:JeffKinney
4	Daughter Of The Deep	Writtenby:RickRiordan
5	The Lightning Thief: Percy Jackson, Book 1	Writtenby:RickRiordan
6	The Hunger Games: Special Edition	Writtenby:SuzanneCollins
7	Quest For The Diamond Sword	Writtenby:WinterMorgan
8	The Dark Prophecy	Writtenby:RickRiordan
9	Merlin Mission Collection	Writtenby:MaryPopeOsborne
10	The Tyrantâ€™s Tomb	Writtenby:RickRiordan
11	The Titan's Curse: Percy Jackson, Book 3	Writtenby:RickRiordan
12	Magic Tree House Collection: Books 9-16	Writtenby:MaryPopeOsborne

>> Select the name column

Go to format

Select “Capitalize Each Word”

Split Column

Format

Merge Columns

Extract

Length

First Characters

Last Characters

Range

Text Before Delimiter

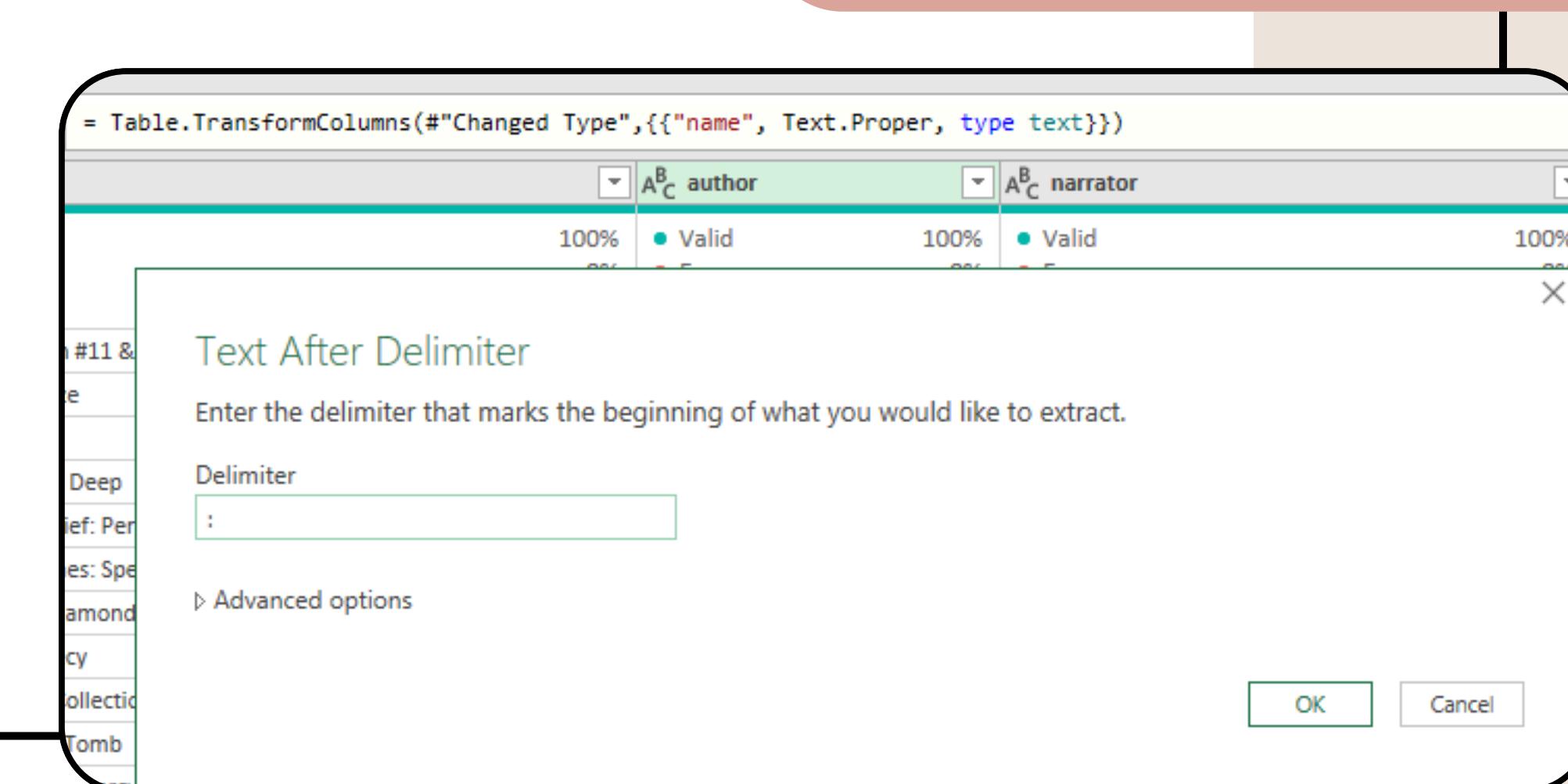
Text After Delimiter

Text Between Delimiters

	Author	Narrator
Writtenby:GeronimoStilton	Geronimo Stilton	Bill Lobelby
Writtenby:RickRiordan	Rick Riordan	Robbie Day
Writtenby:JeffKinney	Jeff Kinney	Dan Russell
Writtenby:RickRiordan	Rick Riordan	Soneck

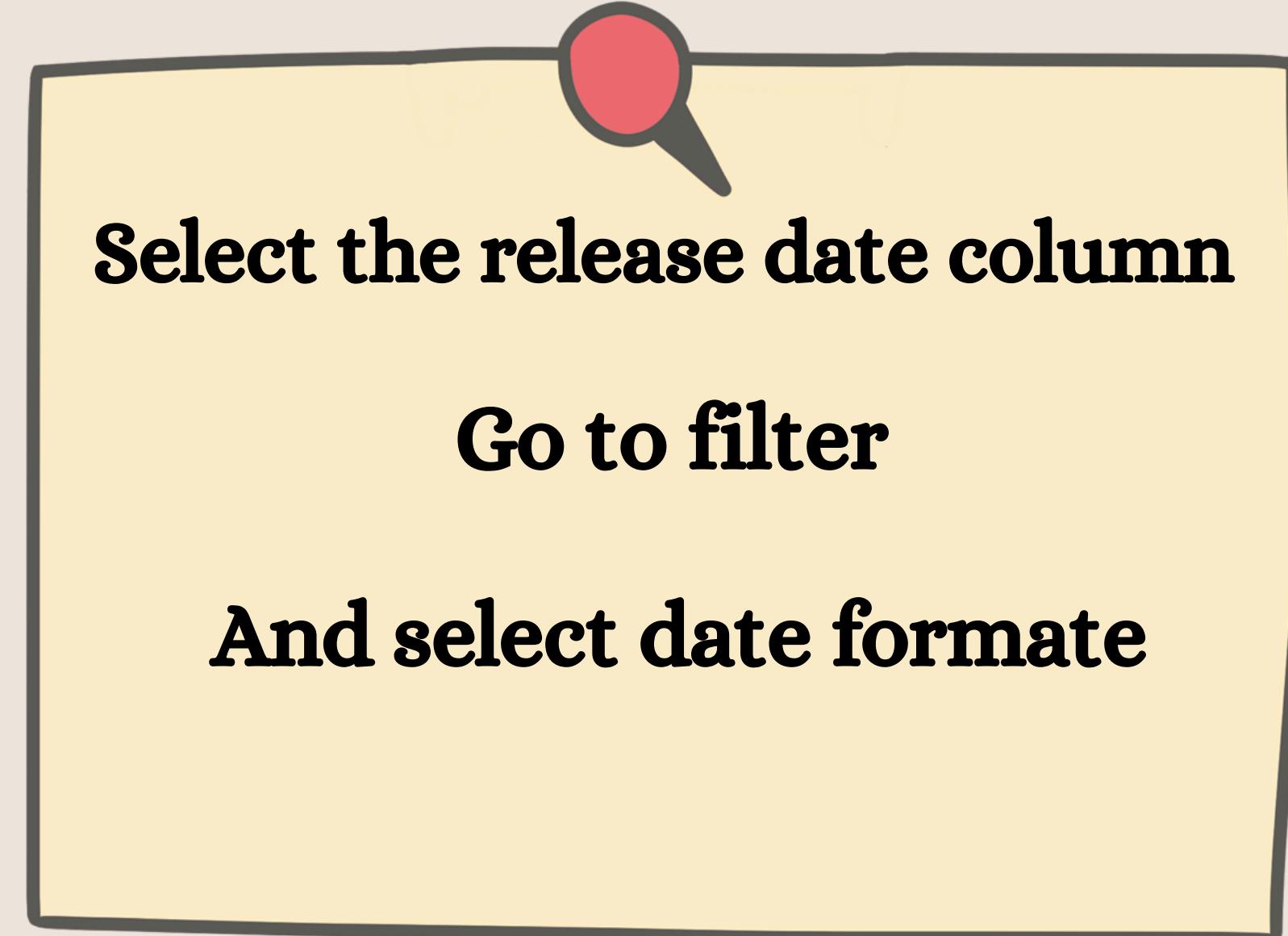
- Separate combined first and last names in the author column if they are currently combined.

Select the authore column  
Go to Select  
text column  
Extract  
Text after delimiter (:)



- Ensure all entries in the releasedate column follow a consistent date format (DD-MM-YYYY).

releasedate	A	B	C	D
1.2 Decimal Number				
\$ Currency				
1 <sup>2</sup> 3 Whole Number				
% Percentage				
Date/Time				
Date				
Time				
Date/Time/Timezone				
Duration				
A <sup>B</sup> C Text				
True/False				
Binary				
Using Locale...				
27-09-2011 English				
03-10-2017 English				



releasedate	
Valid	100%
Error	0%
Empty	0%
04-08-2008	
01-05-2018	
06-11-2020	
05-10-2021	
13-01-2010	
30-10-2018	
25-11-2014	
02-05-2017	
02-05-2017	
24-09-2019	
14-01-2010	
24-08-2011	
27-09-2011	
03-10-2017	
24-06-2021	
08-02-2008	
26-12-2004	
06-11-2018	
02-05-2017	
06-11-2018	

# Listening Anywhere, Anytime



## Audible Summary

Audible is a leading audiobook and podcast platform that ensures listening is flexible, enriched, and seamless.



**Cross-Platform Availability:** Accessible on almost any device—smartphones (iOS & Android), desktops (Windows, macOS, web player), Amazon devices (Kindle, Fire, Echo), smart speakers, wearables, car systems, and more.

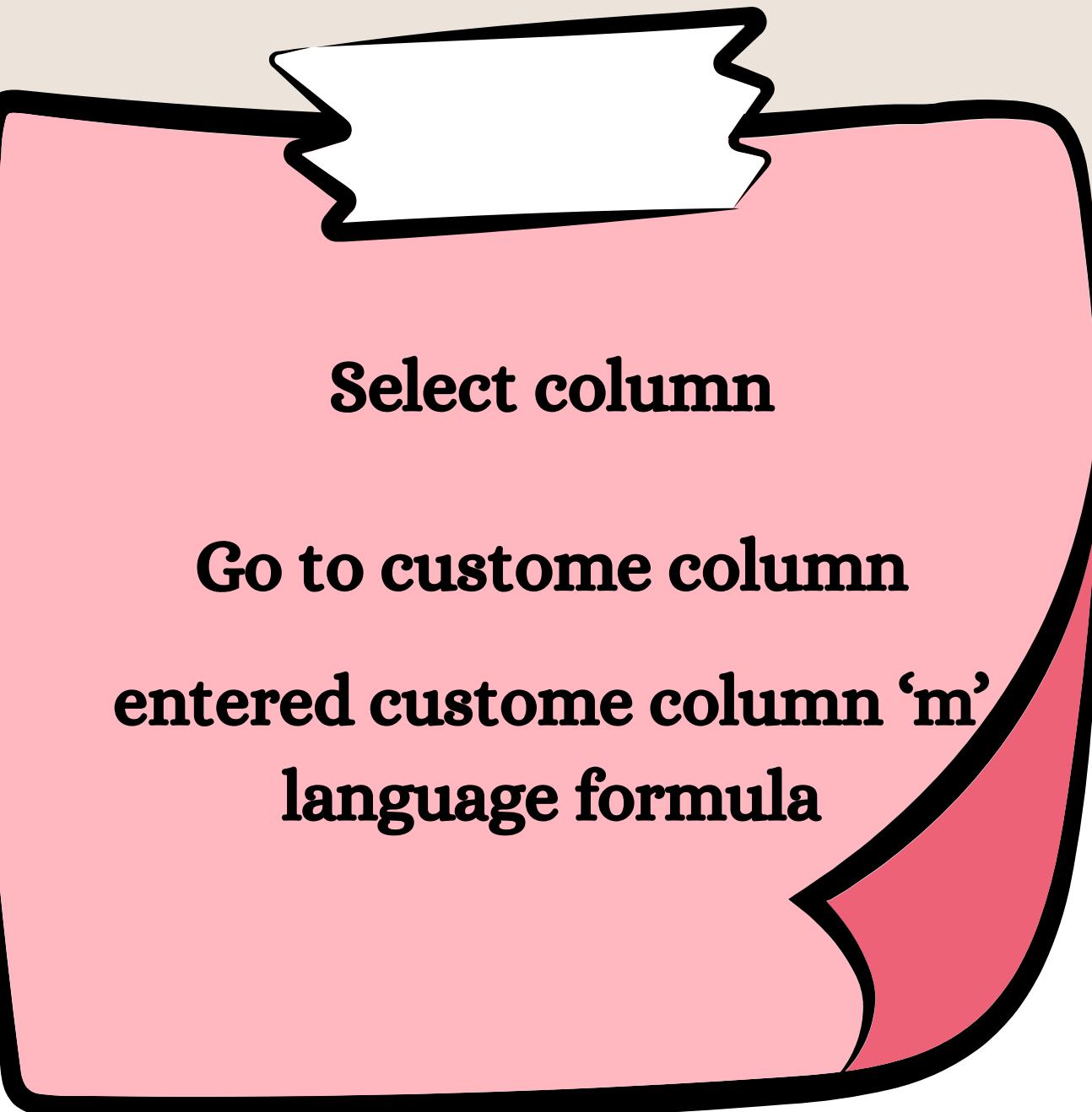
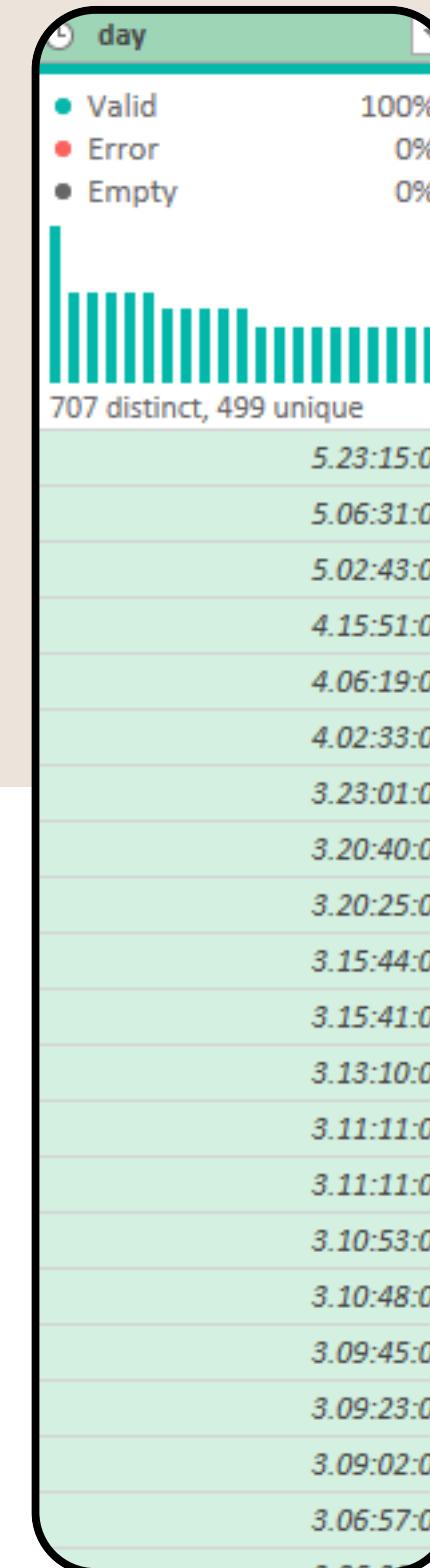
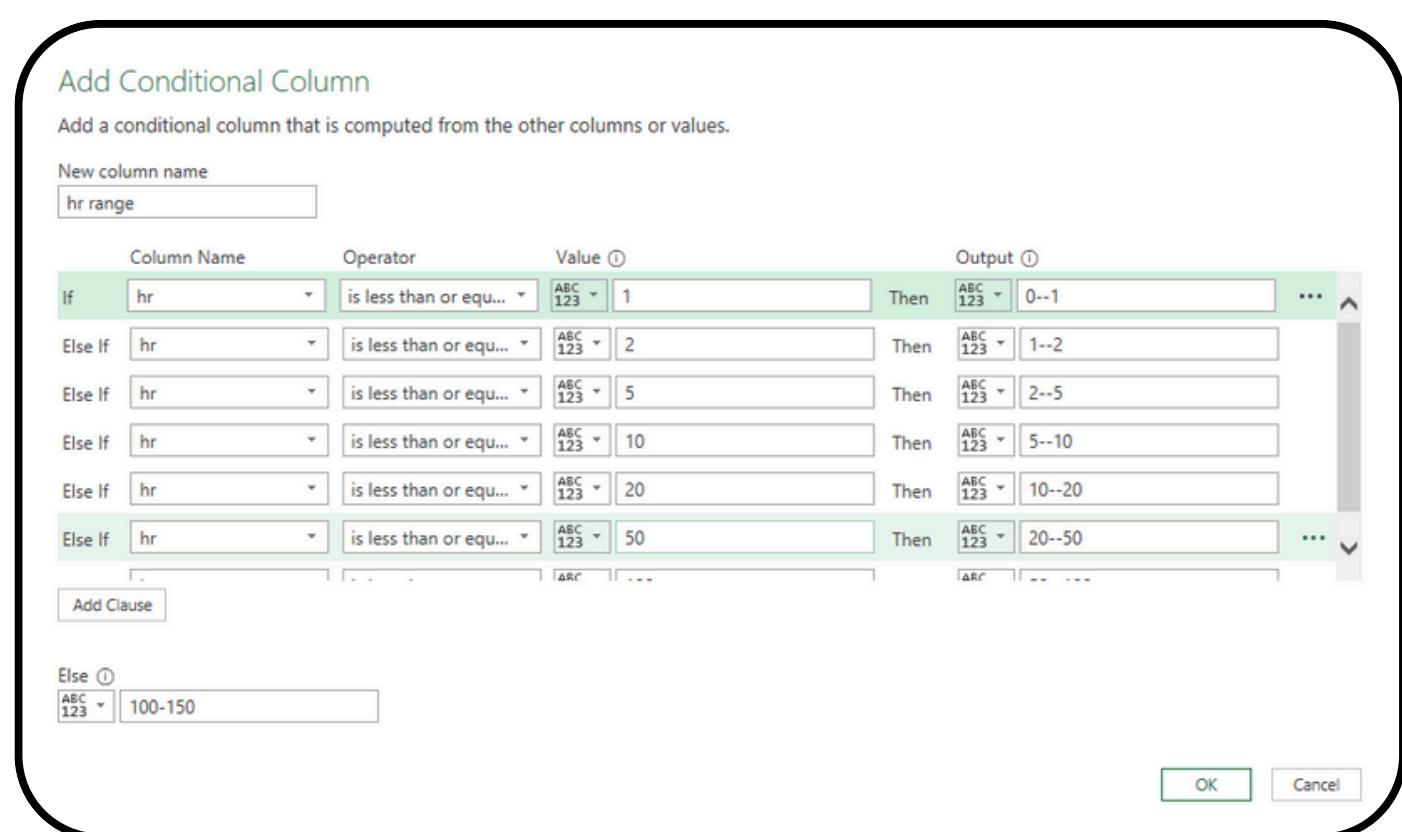
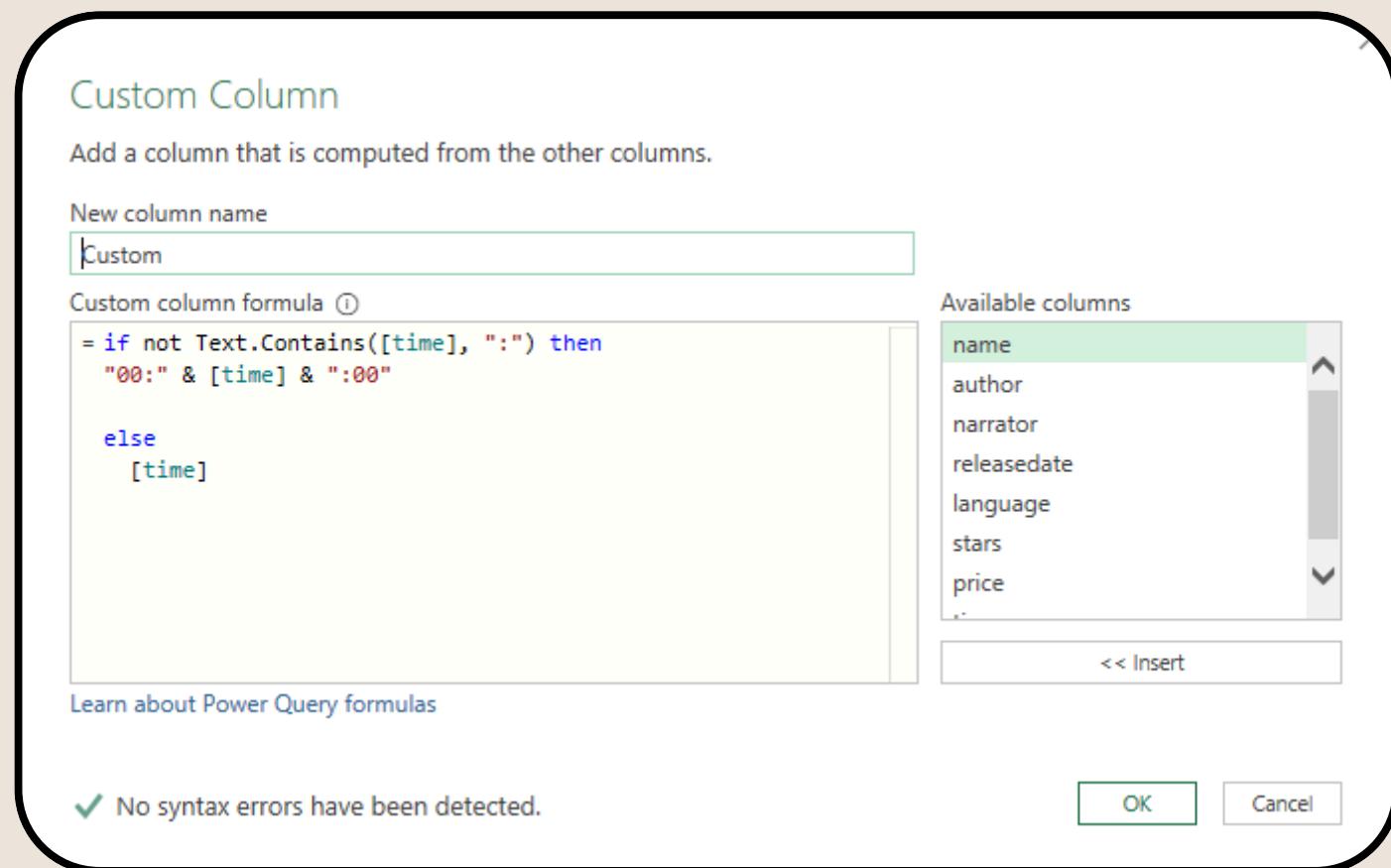
**Enhanced Features:** Offers offline downloads, adjustable narration speed, Whispersync (switch between eBook & audiobook), bookmarks, notes, and sleep timers for a personalized experience.

**Seamless Listening:** Syncs progress across devices, so you can start on one and continue on another without interruption—making stories, learning, and entertainment available anytime, anywhere.

👉 In short, Audible brings together device flexibility, smart features, and uninterrupted storytelling to deliver the ultimate listening experience.



- Convert the time column from text format to a duration format that Excel recognizes.

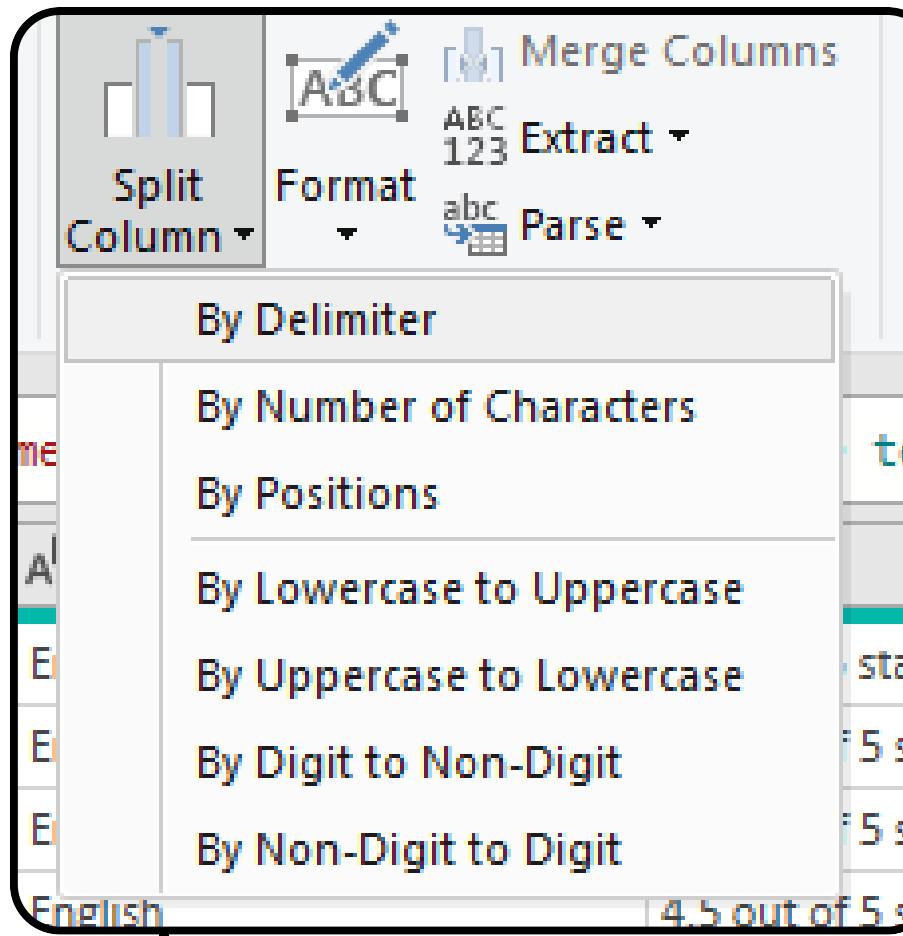


- Ensure the price column is in a numeric format, and identify any non-numeric values.

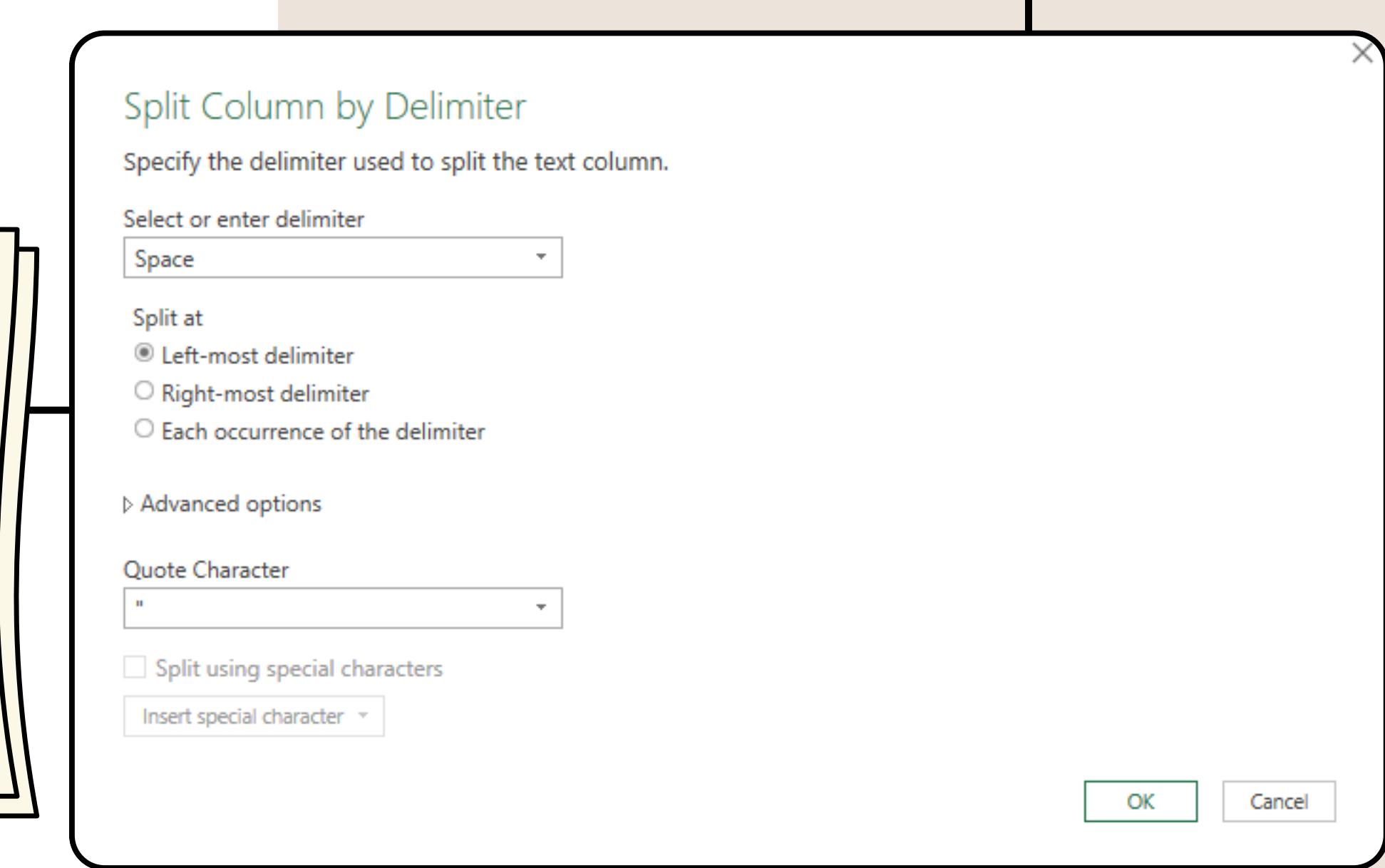
The screenshot illustrates a data processing workflow:

- Left Panel:** Shows two 'price' columns. The top one is labeled "A<sup>B</sup> price" and has a dropdown menu with options: 1.2 Decimal Number, \$ Currency, 1<sup>2</sup>3 Whole Number, % Percentage, Date/Time, Date, Time, Date/Time/Timezone, Duration, Text, True/False, Binary, and Using Locale... The bottom one is labeled "A<sup>B</sup> price" and has a similar dropdown menu.
- Middle Panel:** A preview window shows the "price" column with several rows of data: 1,003.00, 1,338.00, 1,395.00, 1,407.00, 401.00, 759.00, and 434.00.
- Right Panel:** An open dialog titled "Replace Values" with the instruction "Replace one value with another in the selected columns." It contains fields for "Value To Find" (set to "Free") and "Replace With" (set to "0"). Buttons for "OK" and "Cancel" are at the bottom right.
- Bottom Right Overlay:** A callout box with a checkmark icon contains the text: "Price column change", "Text", "Replaced “Free” with “0”", "Change Text", and "Whole number".

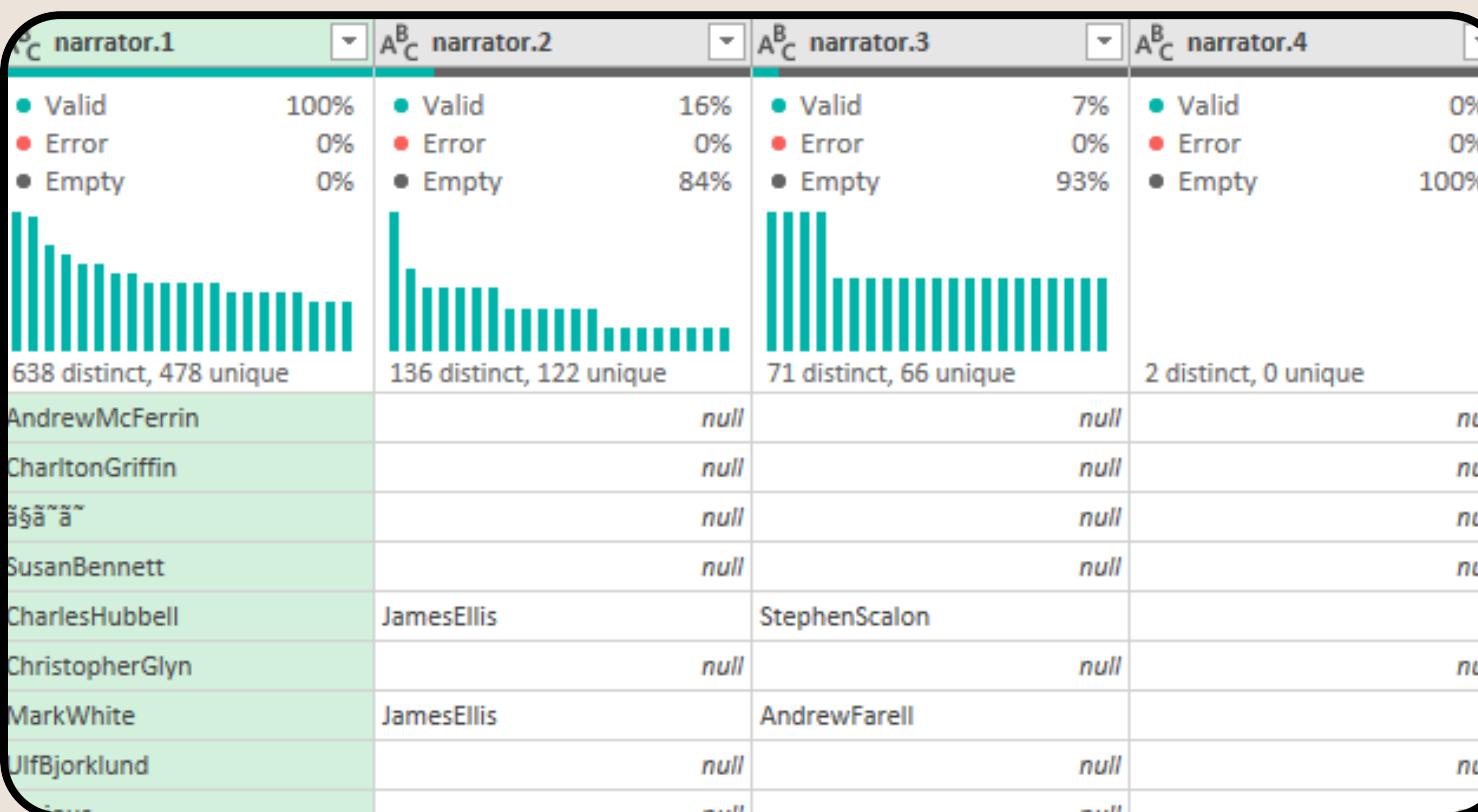
- Convert text ratings in the stars column to numeric values.



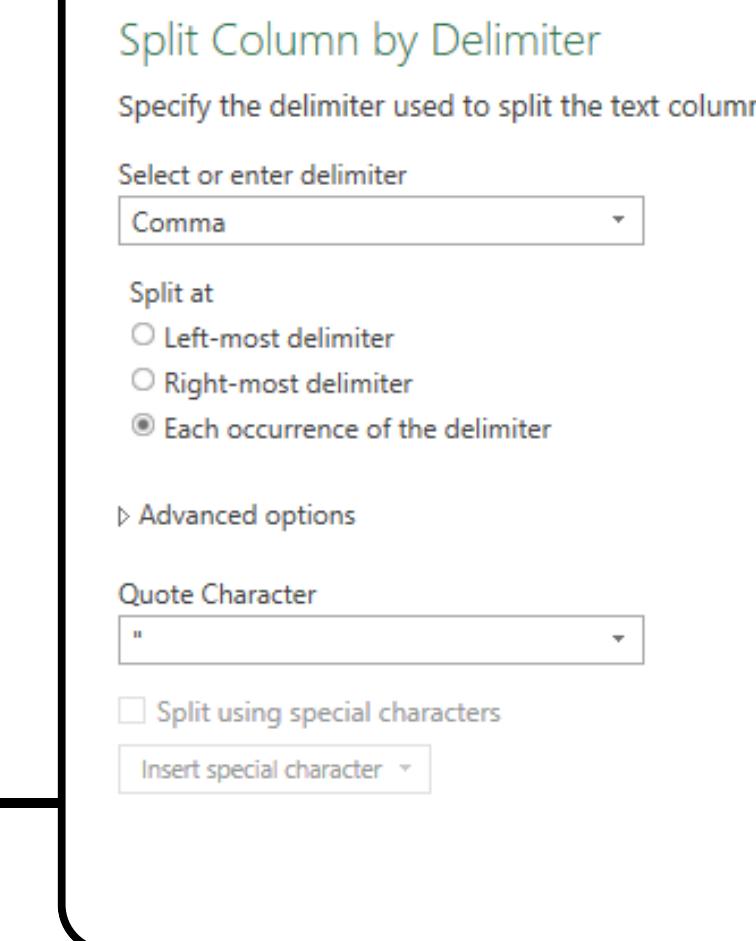
//  
Select star column  
Transform tab  
Split Column  
By Delimiter  
Left-most delimiter



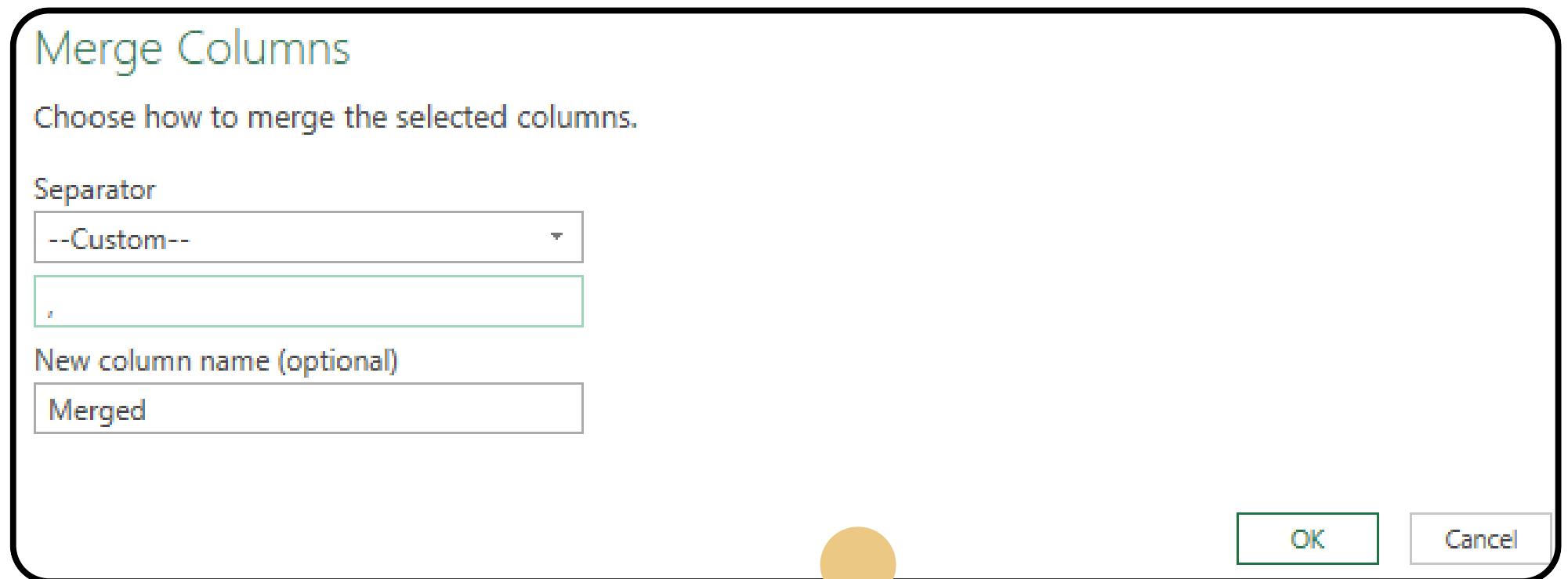
- Split the narratedby column into multiple columns if multiple narrators are listed.



first we're Select star  
column then  
transform tab then  
select by delimiter  
then select colon



- Merge the releasedate and language columns into a single new column named releaseinfo with the format "DD-MM-YYYY, Language."



First we're Select release date then control + language then we go to add column then both of merge together

772 distinct, 632 unique
27-09-2019,English
21-04-2015,English
29-10-2020,japanese
29-12-2020,English
06-11-2019,English
20-07-2021,English
30-01-2020,English
08-02-2021,English
16-06-2019,English
10-04-2019,English
16-12-2021,English
24-08-2021,English
27-02-2015,English
11-10-2021,English
17-11-2020,English
24-05-2016,English



Presented by

Hitesh Parihar