

Microsoft Excel using power query Editor

Presented By: Divya Kaushik

Uncleaned Data

name	author	narrator	▼ time	▼ releasedate ▼ language ▼
Geronimo Stilton #11 & #12	Writtenby:GeronimoStilton	Narratedby:BillLobely	2 hrs and 20 mins	04-08-2008 English
The Burning Maze	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 8 mins	01-05-2018 English
The Deep End	Writtenby:JeffKinney	Narratedby:DanRussell	2 hrs and 3 mins	06-11-2020 English
Daughter of the Deep	Writtenby:RickRiordan	Narratedby:SoneelaNankani	11 hrs and 16 mins	05-10-2021 English
The Lightning Thief: Percy Jackson, Book 1	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs	13-01-2010 English
The Hunger Games: Special Edition	Writtenby:SuzanneCollins	Narratedby:TatianaMaslany	10 hrs and 35 mins	30-10-2018 English
Quest for the Diamond Sword	Writtenby:WinterMorgan	Narratedby:LukeDaniels	2 hrs and 23 mins	25-11-2014 English
The Dark Prophecy	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 32 mins	02-05-2017 English
Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 56 mins	02-05-2017 English
The Tyrant's Tomb	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 22 mins	24-09-2019 English
The Titan's Curse: Percy Jackson, Book 3	Writtenby:RickRiordan	Narratedby:JesseBernstein	8 hrs and 48 mins	14-01-2010 English
Magic Tree House Collection: Books 9-16	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 23 mins	24-08-2011 English
Magic Tree House Collection: Books 1-8	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	6 hrs and 1 min	27-09-2011 English
Magnus Chase and the Ship of the Dead	Writtenby:RickRiordan	Narratedby:MichaelCrouch	12 hrs and 58 mins	03-10-2017 English
Northern Lights	Writtenby:PhilipPullman	Narratedby:PhilipPullman,fullcast,RuthWilson	11 hrs and 55 mins	24-06-2021 English
Geronimo Stilton #13 and #14	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 25 mins	08-02-2008 English
Magic Tree House Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 4 mins	26-12-2004 English
Exile	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	14 hrs and 41 mins	06-11-2018 English
Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 18 mins	02-05-2017 English
Neverseen	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	16 hrs and 42 mins	06-11-2018 English
The Tower of Nero	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 12 mins	06-10-2020 English
Eldest: The Inheritance Cycle, Book 2	Writtenby:ChristopherPaolini	Narratedby:GerrardDoyle	23 hrs and 29 mins	14-04-2009 English
Artemis Fowl	Writtenby:EoinColfer	Narratedby:GerryO'Brien	6 hrs and 46 mins	11-04-2013 English
Geronimo Stilton 22 & 24	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 37 mins	01-02-2011 English
Percy Jackson and the Battle of the Labyrinth	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs and 32 mins	21-01-2010 English
Winnie-the-Pooh	Writtenby:A.A.Milne	Narratedby:PeterDennis	2 hrs and 46 mins	28-12-2003 English

Uncleaned Data

time	releasedate 💌	language 🔻	stars	price 💌
2 hrs and 20 mins	04-08-2008	English	5 out of 5 stars34 ratings	468
13 hrs and 8 mins	01-05-2018	English	4.5 out of 5 stars41 ratings	820
2 hrs and 3 mins	06-11-2020	English	4.5 out of 5 stars38 ratings	410
11 hrs and 16 mins	05-10-2021	English	4.5 out of 5 stars12 ratings	615
10 hrs	13-01-2010	English	4.5 out of 5 stars181 ratings	820
10 hrs and 35 mins	30-10-2018	English	5 out of 5 stars72 ratings	656
2 hrs and 23 mins	25-11-2014	English	5 out of 5 stars11 ratings	233
12 hrs and 32 mins	02-05-2017	English	5 out of 5 stars50 ratings	820
10 hrs and 56 mins	02-05-2017	English	5 out of 5 stars5 ratings	1256
13 hrs and 22 mins	24-09-2019	English	5 out of 5 stars58 ratings	820
8 hrs and 48 mins	14-01-2010	English	4.5 out of 5 stars130 ratings	820
5 hrs and 23 mins	24-08-2011	English	5 out of 5 stars6 ratings	1206
6 hrs and 1 min	27-09-2011	English	5 out of 5 stars7 ratings	1206
12 hrs and 58 mins	03-10-2017	English	5 out of 5 stars41 ratings	820
11 hrs and 55 mins	24-06-2021	English	4 out of 5 stars2 ratings	1093
2 hrs and 25 mins	08-02-2008	English	4.5 out of 5 stars33 ratings	467
5 hrs and 4 mins	26-12-2004	English	5 out of 5 stars7 ratings	1206
14 hrs and 41 mins	06-11-2018	English	5 out of 5 stars20 ratings	836
10 hrs and 18 mins	02-05-2017	English	5 out of 5 stars11 ratings	1256
16 hrs and 42 mins	06-11-2018	English	5 out of 5 stars13 ratings	1003
12 hrs and 12 mins	06-10-2020	English	5 out of 5 stars79 ratings	615
23 hrs and 29 mins	14-04-2009	English	4.5 out of 5 stars47 ratings	957
6 hrs and 46 mins	11-04-2013	English	5 out of 5 stars27 ratings	683
2 hrs and 37 mins	01-02-2011	English	4.5 out of 5 stars25 ratings	469
10 hrs and 32 mins	21-01-2010	English	5 out of 5 stars101 ratings	820
2 hrs and 46 mins	28-12-2003	_	5 out of 5 stars15 ratings	468

Dataset Link

Total Count:87490

Tasks

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

Cleaned Data

A	В	С	D	Е	F	G	Н	I	J
name	Author 1	Author 2		Narrator 1	Narrator 2	▼ Narrator 3		releasedate 🔻	language
Atomic Habits	James Clear	Not Applicable	Not Applicable	James Clear	Not Applicable	Not Applicable	5 hrs and 35 mins	18-10-2018	English
Atomic Habits	James Clear	Not Applicable	Not Applicable	James Clear	Not Applicable	Not Applicable	5 hrs and 35 mins	18-10-2018	English
Ikigai	Héctor García	Francesc Miralles	Not Applicable	Naoko Mori	Not Applicable	Not Applicable	3 hrs and 23 mins	18-09-2017	' English
The Psychology Of Money	Morgan Housel	Not Applicable	Not Applicable	Chris Hill	Not Applicable	Not Applicable	5 hrs and 48 mins	08-09-2020	English
The Psychology Of Money	Morgan Housel	Not Applicable	Not Applicable	Chris Hill	Not Applicable	Not Applicable	5 hrs and 48 mins	08-09-2020	English English
Sapiens	Yuval Noah Harari	Not Applicable	Not Applicable	Derek Perkins	Not Applicable	Not Applicable	15 hrs and 18 mins	30-04-2015	English
Rich Dad Poor Dad	Robert T.Kiyosaki	Not Applicable	Not Applicable	Tim Wheeler	Not Applicable	Not Applicable	6 hrs and 9 mins	15-06-2012	English
Life'S Amazing Secrets	Gaur Gopal Das	Not Applicable	Not Applicable	Gaur Gopal Das	Not Applicable	Not Applicable	6 hrs and 25 mins	10-12-2019	English
The Subtle Art Of Not Giving A F*Ck	Mark Manson	Not Applicable	Not Applicable	Roger Wayne	Not Applicable	Not Applicable	5 hrs and 17 mins	13-09-2016	English
Becoming	Michelle Obama	Not Applicable	Not Applicable	Michelle Obama	Not Applicable	Not Applicable	19 hrs and 3 mins	13-11-2018	English
How To Win Friends And Influence People	Dale Carnegie	Not Applicable	Not Applicable	Shernaz Patel	Not Applicable	Not Applicable	8 hrs and 5 mins	08-11-2018	English
Can'T Hurt Me	David Goggins	Not Applicable	Not Applicable	David Goggins	Adam Skolnick	Not Applicable	13 hrs and 37 mins	28-11-2018	English
21 Lessons For The 21St Century	Yuval Noah Harari	Not Applicable	Not Applicable	Derek Perkins	Not Applicable	Not Applicable	11 hrs and 41 mins	30-08-2018	English
Elon Musk	Ashlee Vance	Not Applicable	Not Applicable	Fred Sanders	Not Applicable	Not Applicable	13 hrs and 23 mins	28-04-2016	English
The Power Of Habit	Charles Duhigg	Not Applicable	Not Applicable	Mike Chamberlain	Not Applicable	Not Applicable	10 hrs and 53 mins	05-04-2012	! English
The Monk Who Sold His Ferrari	Robin Sharma	Not Applicable	Not Applicable	Robin Sharma	Not Applicable	Not Applicable	2 hrs and 40 mins	05-07-2007	English
Wings Of Fire	APJAbdul Kalam	Arun Tiwari	Not Applicable	Girish Karnad	Not Applicable	Not Applicable	1 hr and 15 mins	01-04-2020	English English
Wings Of Fire	APJAbdul Kalam	Arun Tiwari	Not Applicable	Girish Karnad	Not Applicable	Not Applicable	1 hr and 15 mins	01-04-2020	English
Zero To One	Peter Thiel	Blake Masters	Not Applicable	Blake Masters	Not Applicable	Not Applicable	4 hrs and 50 mins	04-06-2015	English
A Promised Land	Barack Obama	Not Applicable	Not Applicable	Barack Obama	Not Applicable	Not Applicable	29 hrs and 10 mins	17-11-2020	English
The Compound Effect	Darren Hardy	Not Applicable	Not Applicable	Darren Hardy	Not Applicable	Not Applicable	4 hrs and 44 mins	22-01-2019	English
The Compound Effect	Darren Hardy	Not Applicable	Not Applicable	Darren Hardy	Not Applicable	Not Applicable	4 hrs and 44 mins	22-01-2019	English
Think Like A Monk	Jay Shetty	Not Applicable	Not Applicable	Jay Shetty	Not Applicable	Not Applicable	10 hrs and 54 mins	08-09-2020	English English
Raavan	Amish Tripathi	Not Applicable	Not Applicable	Sagar Arya	Not Applicable	Not Applicable	11 hrs and 32 mins	04-10-2019	English
Homo Deus	Yuval Noah Harari	Not Applicable	Not Applicable	Derek Perkins	Not Applicable	Not Applicable	14 hrs and 53 mins	08-09-2016	English
Harry Potter And The Philosopher'S Stone, Book 1	J.K.Rowling	Not Applicable	Not Applicable	Stephen Fry	Not Applicable	Not Applicable	9 hrs and 33 mins	20-11-2015	English
Harry Potter And The Philosopher'S Stone, Book 1	J.K.Rowling	Not Applicable	Not Applicable	Stephen Fry	Not Applicable	Not Applicable	9 hrs and 33 mins	20-11-2015	English
The Girl In Room 105	Chetan Bhagat	Not Applicable	Not Applicable	Siddhanta Pinto	Not Applicable	Not Applicable	8 hrs and 23 mins	12-11-2018	English
< > > Sheet1 +				1	4				▶

Cleaned Data Click here to see

F	G	Н	1	J		К	L	M	N
Narrator 2	▼ Narrator 3	▼ time ▼	releasedate 🔻	language -	stars	▼	price 🔻	Duration in mins	Ratings 🔻
Not Applicable	Not Applicable	5 hrs and 35 mins	18-10-2018	English		5	820	335	12573
Not Applicable	Not Applicable	5 hrs and 35 mins	18-10-2018	English		5	820	335	12569
Not Applicable	Not Applicable	3 hrs and 23 mins	18-09-2017	English		4.5	615	203	6981
Not Applicable	Not Applicable	5 hrs and 48 mins	08-09-2020	English		4.5	668	348	5973
Not Applicable	Not Applicable	5 hrs and 48 mins	08-09-2020	English		4.5	668	348	5972
Not Applicable	Not Applicable	15 hrs and 18 mins	30-04-2015	English		5	957	918	5500
Not Applicable	Not Applicable	6 hrs and 9 mins	15-06-2012	English		4.5	837	369	5324
Not Applicable	Not Applicable	6 hrs and 25 mins	10-12-2019	English		4.5	1005	385	4184
Not Applicable	Not Applicable	5 hrs and 17 mins	13-09-2016	English		4.5	1181	317	3461
Not Applicable	Not Applicable	19 hrs and 3 mins	13-11-2018	English		4.5	957	1143	2924
Not Applicable	Not Applicable	8 hrs and 5 mins	08-11-2018	English		4.5	155	485	2494
Adam Skolnick	Not Applicable	13 hrs and 37 mins	28-11-2018	English		5	836	817	2277
Not Applicable	Not Applicable	11 hrs and 41 mins	30-08-2018	English		4.5	957	701	2236
Not Applicable	Not Applicable	13 hrs and 23 mins	28-04-2016	English		4.5	820	803	2161
Not Applicable	Not Applicable	10 hrs and 53 mins	05-04-2012	English		4.5	820	653	1869
Not Applicable	Not Applicable	2 hrs and 40 mins	05-07-2007	English		4.5	351	160	1838
Not Applicable	Not Applicable	1 hr and 15 mins	01-04-2020	English		5	75	75	1827
Not Applicable	Not Applicable	1 hr and 15 mins	01-04-2020	English		5	75	75	1823
Not Applicable	Not Applicable	4 hrs and 50 mins	04-06-2015	English		4.5	615	290	1807
Not Applicable	Not Applicable	29 hrs and 10 mins	17-11-2020	English		4.5	1708	1750	1636
Not Applicable	Not Applicable	4 hrs and 44 mins	22-01-2019	English		4.5	608	284	1564
Not Applicable	Not Applicable	4 hrs and 44 mins	22-01-2019	English		4.5	608	284	1563
Not Applicable	Not Applicable	10 hrs and 54 mins	08-09-2020	English		4.5	569	654	1539
Not Applicable	Not Applicable	11 hrs and 32 mins	04-10-2019	English		4.5	342	692	1491
Not Applicable	Not Applicable	14 hrs and 53 mins	08-09-2016	English		4.5	957	893	1490
Not Applicable	Not Applicable	9 hrs and 33 mins	20-11-2015	English		5	999	573	1425
Not Applicable	Not Applicable	9 hrs and 33 mins	20-11-2015	English		5	999	573	1423
Not Applicable	Not Applicable	8 hrs and 23 mins	12-11-2018	English		4	568	503	1412
			1 4						

Applied Steps

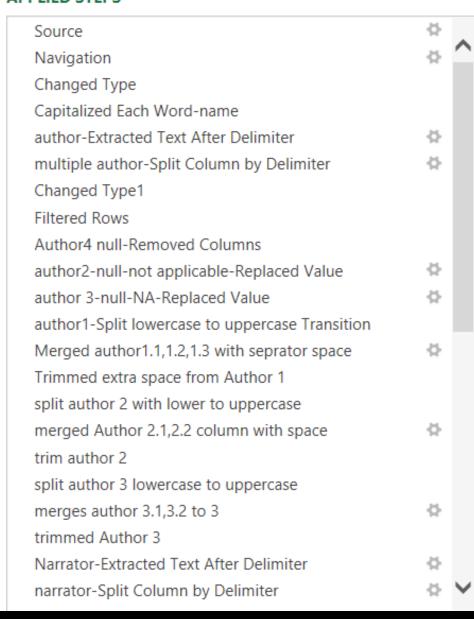
Query Settings

▲ PROPERTIES

Name audible_uncleaned__1

All Properties

▲ APPLIED STEPS



Query Settings

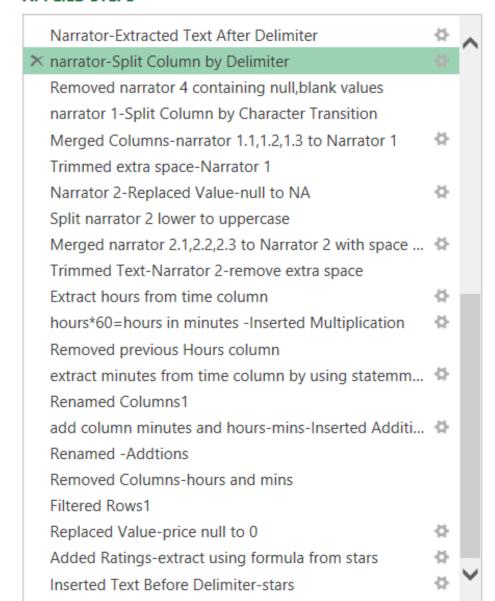
PROPERTIES

Name

audible_uncleaned__1

All Properties

▲ APPLIED STEPS



Formulas

Custom Column

Add a column that is computed from the other columns.

New column name

Minutes

Custom column formula (i

[time], "and") then
 Number.FromText(Text.BeforeDelimiter([time], " min"))
else if Text.Contains([time], "min") then

= if Text.Contains([time], "min") and not Text.Contains(

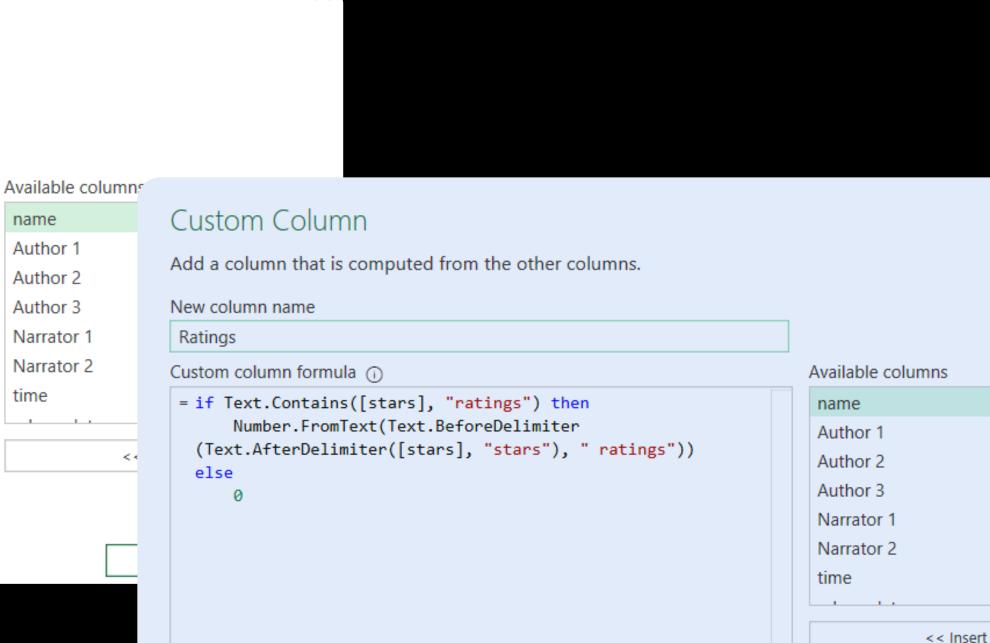
Number.FromText(Text.BeforeDelimiter
(Text.AfterDelimiter([time], " and "), " min"))

else

null

Learn about Power Query formulas

✓ No syntax errors have been detected.

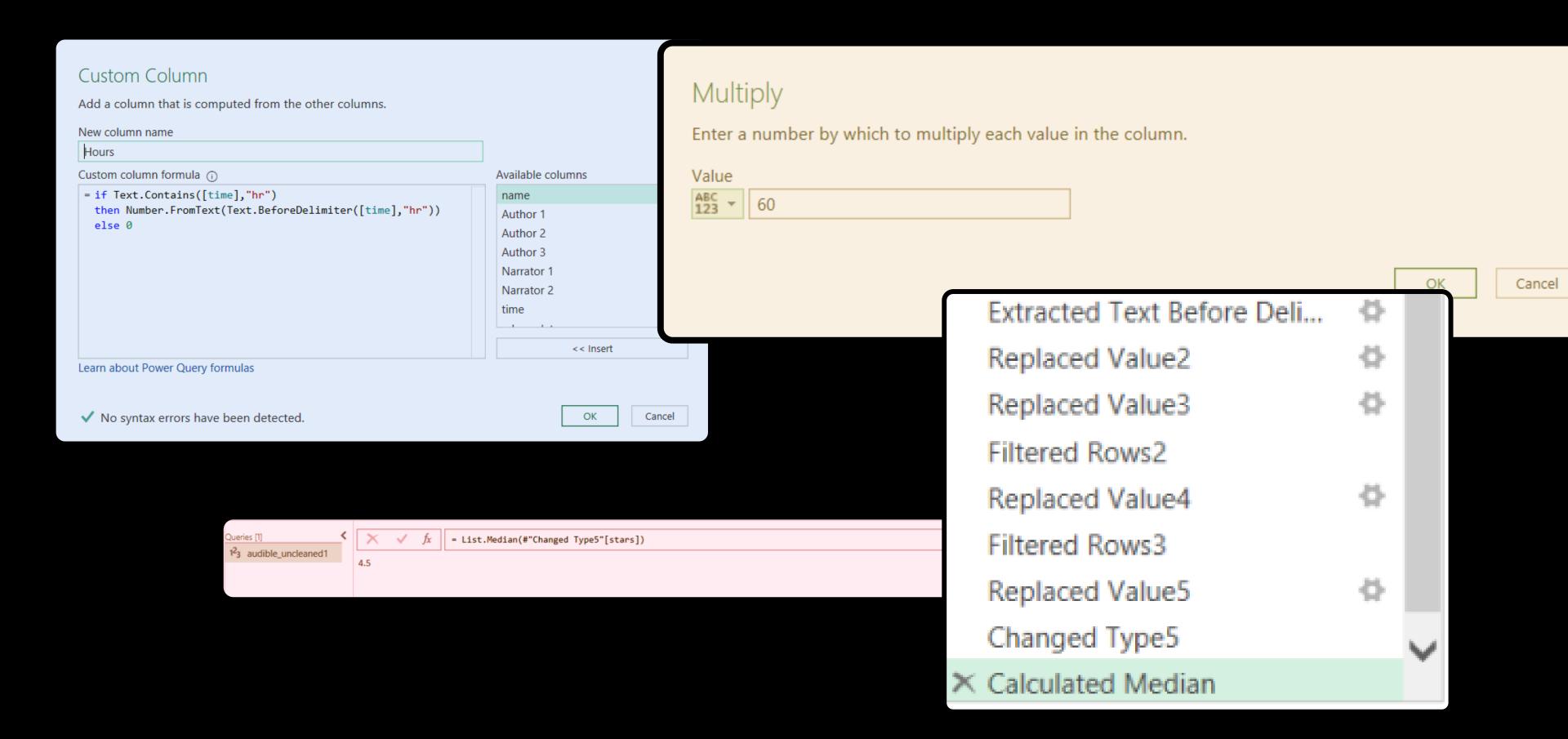


Cancel

Learn about Power Query formulas

No syntax errors have been detected.

Formulas



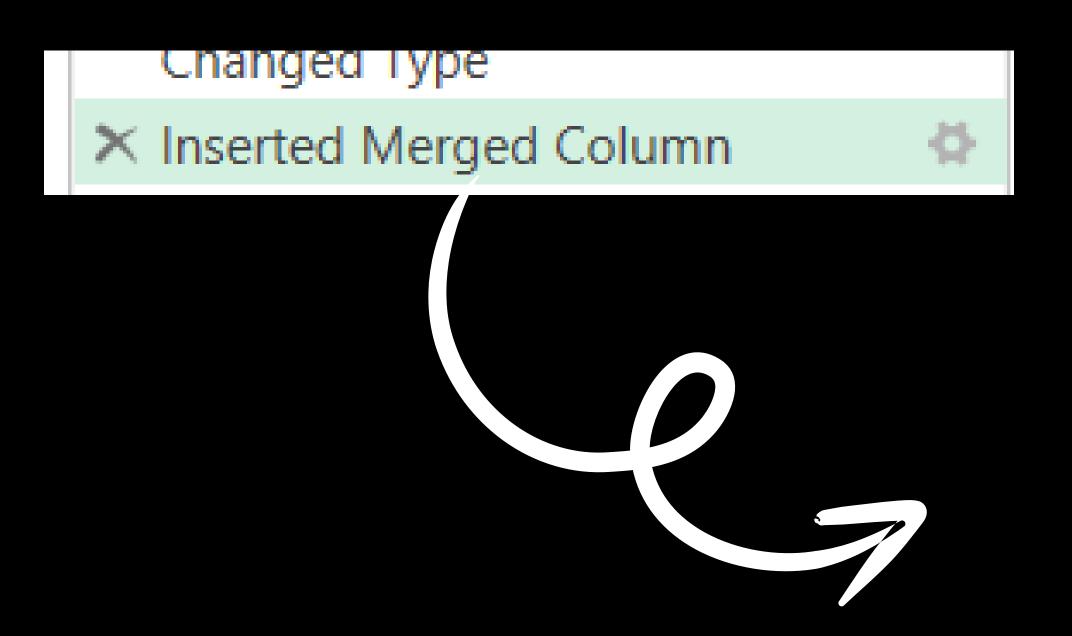
Explanation of Steps

- 1. Capitalize the Name Column: Transform all entries in the "name" column to have each word capitalized for consistent formatting.
- 2. Extract Author Names: Clean the author names by removing any unwanted text, keeping only the relevant name information..
- 3. Separate Multiple Authors into Different Columns: Split entries containing multiple authors into separate columns for each author. Remove columns that contain only null values.
- 4.Replace Null Values with "Not Applicable": For columns where an author may not be present, replace null values with "Not Applicable" to clearly indicate missing information.
- 5. Split and Merge Author Names: For each author, split the first, middle, and last names into separate columns if available. Then merge these parts back into a single column with spaces in between, ensuring extra spaces are trimmed.

Explanation of Steps

- 6. Repeat for All Authors: Apply the splitting, merging, and trimming process for every author column to standardize the format across all author names.
- 7. Standardize Narrator Column: Repeat the process used for authors in the narrator column, ensuring each narrator's name is split, formatted, and merged similarly.
- 8. Convert Time to Minutes: Extract the hours and minutes from the "time" column, then convert the total time to minutes using an appropriate formula to standardize the time format.
- 9. Replace Null Values in Price Column: Replace any null values in the "price" column with 0 to indicate no cost where the price is missing.

Merge the releasedate and language into a single new column named releasedate info with the format DD-MM-YYYY, language.



Ŧ	A ^B _C releasedate info	
73	18-10-2018,English	
59	18-10-2018,English	
31	18-09-2017,English	
73	08-09-2020,English	
72	08-09-2020,English	
00	30-04-2015,English	
24	15-06-2012,English	
84	10-12-2019,English	
51	13-09-2016,English	
24	13-11-2018,English	
94	08-11-2018,English	
77	28-11-2018,English	
36	30-08-2018,English	

HAVE SOMETHING ELSE TO ADD?





Leave a comment to share your thoughts!