



### **BOOKS THAT SPEAK TO YOU**

PRESENTED BY- PARSHVI JAIN



# AUDIBLE DATA CLEANING PROJECT WITH POWER QUERY EDITOR

**Audible is an American** online audiobook and podcast service that allows users to purchase and stream audiobooks and other forms of spoken-word content. This content can be purchased individually or under a subscription model in which the user receives "credits" that can be redeemed for content monthly and receive access to a curated on-demand library of content. Audible is the United States' largest audiobook producer and retailer. The service is owned by Audible, a wholly-owned subsidiary of Amazon.com, Inc., headquartered in <u>Newark, New Jersey.</u>



Developer Audible, a subsidiary of Amazon

Launch 1995; 30 years ago

date

Platform(s) Fire OS, Android, iOS, macOS,

Windows, web browser, Wear

OS, WatchOS, Windows Phone

Pricing

Variable subscription and a la

model

carte

Website ww

www.audible.com 2 /

# CASE STUDY DESCRIPTION

- Standardize the name column to ensure consistent title casing.
- Separate combined names in the author column if there are multiple authors.
- •Convert the time column from text format to a duration format that Excel recognizes.
- •Ensure all entries in the releasedate column follow a consistent date format (DD-MM-YYYY).
- •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 places.

# UNREFINED DATA

	/ \	ь			_		-	
	cut	author	narrator	time	releasedate	language	stars	price
2	Geronimo Stilton #11 & #12	Writtenby:GeronimoStilton	Narratedby:BillLobely	2 hrs and 2	04-08-2008	English	5 out of 5 s	468
5	The Burning Maze	Writtenby:RickRiordan	Narratedby:RobbieDa	13hrsand	01-05-2018	English	4.5 out of 5	820
F	The Deep End	Writtenby:JeffKinney	Narratedby:DanRuss	2 hrs and 3	06-11-2020	English	4.5 out of 5	410
5	Daughter of the Deep	Writtenby:RickRiordan	Narratedby:SoneelaN	11 hrs and	05-10-2021	English	4.5 out of 5	615
5	The Lightning Thief: Percy Jack	Writtenby:RickRiordan	Narratedby:JesseBer	10 hrs	13-01-2010	English	4.5 out of 5	820
7	The Hunger Games: Special E	Writtenby:SuzanneCollins	Narratedby:TatianaM	10 hrs and	30-10-2018	English	5 out of 5 s	656
3	Quest for the Diamond Sword	Writtenby:WinterMorgan	Narratedby:LukeDani	2 hrs and 2	25-11-2014	English	5 out of 5 s	233
)	The Dark Prophecy	Writtenby:RickRiordan	Narratedby:RobbieDa	12hrsand	02-05-2017	English	5 out of 5 s	820
0	Merlin Mission Collection	Writtenby:MaryPopeOsborn	Narratedby:MaryPope	10 hrs and	02-05-2017	English	5 out of 5 s	1,256.00
1	The Tyrant's Tomb	Writtenby:RickRiordan	Narratedby:RobbieDa	13 hrs and	24-09-2019	English	5 out of 5 s	820
2	The Titan's Curse: Percy Jacks	Writtenby:RickRiordan	Narratedby:JesseBer	8 hrs and 4	14-01-2010	English	4.5 out of 5	820
3	Magic Tree House Collection:	Writtenby:MaryPopeOsborn	Narratedby:MaryPope	5 hrs and 2	24-08-2011	English	5 out of 5 s	1,206.00
4	Magic Tree House Collection:	Writtenby:MaryPopeOsborn	Narratedby:MaryPope	6 hrs and 1	27-09-2011	English	5 out of 5 s	1,206.00
5	Magnus Chase and the Ship of	Writtenby:RickRiordan	Narratedby:MichaelC	12 hrs and	03-10-2017	English	5 out of 5 s	820
6	Northern Lights	Writtenby:PhilipPullman	Narratedby:PhilipPull	11 hrs and	24-06-2021	English	4 out of 5 s	1,093.00
7	Geronimo Stilton #13 and #14	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 2	08-02-2008	English	4.5 out of 5	467
8	Magic Tree House Collection	Writtenby:MaryPopeOsborn	Narratedby:MaryPope	5 hrs and 4	26-12-2004	English	5 out of 5 s	1,206.00
9	Exile	Writtenby:ShannonMesseng	Narratedby:CaitlinKe	14 hrs and	06-11-2018	English	5 out of 5 s	836
0	Merlin Mission Collection	Writtenby:MaryPopeOsborn	Narratedby:MaryPope	10 hrs and	02-05-2017	English	5 out of 5 s	1,256.00
1	Neverseen	Writtenby:ShannonMesseng	Narratedby:CaitlinKe	16 hrs and	06-11-2018	English	5 out of 5 s	1,003.00
2	The Tower of Nero	Writtenby:RickRiordan	Narratedby:RobbieDa	12 hrs and	06-10-2020	English	5 out of 5 s	615
3	Eldest: The Inheritance Cycle,	Writtenby:ChristopherPaolii	Narratedby:GerrardD	23 hrs and	14-04-2009	English	4.5 out of 5	957
4	Artemis Fowl	Writtenby:EoinColfer	Narratedby:GerryO'B	6 hrs and 4	11-04-2013	English	5 out of 5 s	683
5	Geronimo Stilton 22 & 24	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 3	01-02-2011	English	4.5 out of 5	469
6	Percy Jackson and the Battle c	Writtenby:RickRiordan	Narratedby:JesseBer	10 hrs and	21-01-2010	English	5 out of 5 s	820
7	Winnie-the-Pooh	Writtenby:A.A.Milne	Narratedby:PeterDen	2 hrs and 4	28-12-2003	English	5 out of 5 s	468

## **APPLIED STEPS**

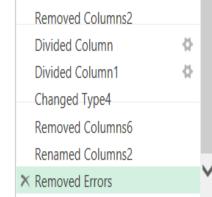
#### APPLIED STEPS

Source Capitalized Each Word Trimmed Text Split Column by Delimiter Changed Type1 Split Column by Delimiter1 Changed Type2 Removed Columns Split Column by Delimiter5 Changed Type6 Split Column by Character ... Removed Columns3 Renamed Columns Removed Columns4 Replaced Value1 Replaced Value2 Changed Type7 Split Column by Delimiter6 Changed Type8 Split Column by Delimiter7 Changed Type9 Removed Columns5 Changed Type10

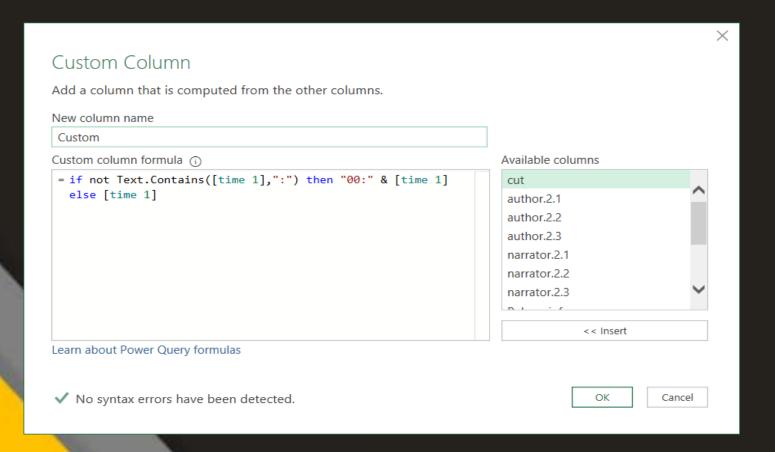
#### **APPLIED STEPS**

Changed Type11

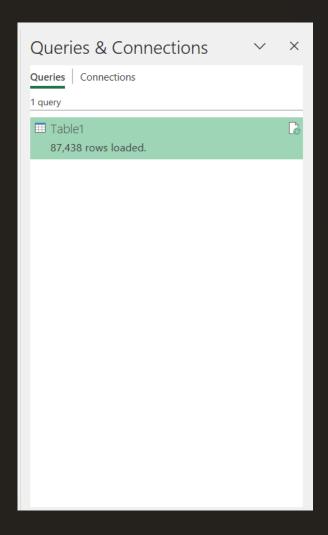
Replaced Value3 Changed Type Merged Columns Removed Columns1 Reordered Columns **Duplicated Column** Renamed Columns1 Replaced Value Lowercased Text Replaced Value4 삼 Replaced Value5 Replaced Value6 Replaced Value7 Replaced Value8 Added Custom Replaced Value9 Split Column by Delimiter2 Changed Type3 Multiplied Column Multiplied Column1 Inserted Addition Removed Columns2



### **FORMULA**



# NO ERRORS ALL THE ROWS LOADED AFTER CLEANING



# REFINED DATA

A	В	C	D	E	E	G	Н	1	1	V	1
		author.2.2	author.2.3	narrator.2.1	narrator.2.2			Stars out of 5	Ratings ~	price *	duration ~
Geronimo Stilton #11 & #12	Geronimostilton			Billlobely			04-08-2008,English		5 34	468	
The Burning Maze	Rickriordan			Robbiedaymond			01-05-2018,English	4.5	5 41	820	0.13:08:00
The Deep End	Jeffkinney			Danrussell			06-11-2020,English	4.5	5 38	410	0.02:03:00
Daughter Of The Deep	Rickriordan			Soneelanankani			05-10-2021,English	4.5	5 12	615	0.11:16:00
The Lightning Thief: Percy Jackson, Book 1	Rickriordan			Jessebernstein			13-01-2010,English	4.5	5 181	820	0.10:00:00
The Hunger Games: Special Edition	Suzannecollins			Tatianamaslany			30-10-2018,English		5 72	656	0.10:35:00
Quest For The Diamond Sword	Wintermorgan			Lukedaniels			25-11-2014,English		5 11	233	0.02:23:00
The Dark Prophecy	Rickriordan			Robbiedaymond			02-05-2017,English		5 50	820	0.12:32:00
Merlin Mission Collection	Marypopeosborne			Marypopeosborne			02-05-2017,English		5 5	1256	0.10:56:00
The Tyrant'S Tomb	Rickriordan			Robbiedaymond			24-09-2019,English		5 58	820	0.13:22:00
The Titan'S Curse: Percy Jackson, Book 3	Rickriordan			Jessebernstein			14-01-2010,English	4.5	5 130	820	0.08:48:00
Magic Tree House Collection: Books 9-16	Marypopeosborne			Marypopeosborne			24-08-2011,English		5 6	1206	0.05:23:00
Magic Tree House Collection: Books 1-8	Marypopeosborne			Marypopeosborne			27-09-2011,English		5 7	1206	0.06:01:00
Magnus Chase And The Ship Of The Dead	Rickriordan			Michaelcrouch			03-10-2017,English		5 41	820	0.12:58:00
Northern Lights	Philippullman			Philippullman	Fullcast	Ruthwilson	24-06-2021,English	4	1 2	1093	0.11:55:00
Geronimo Stilton #13 And #14	Geronimostilton			Billlobley			08-02-2008,English	4.5	5 33	467	0.02:25:00
Magic Tree House Collection	Marypopeosborne			Marypopeosborne			26-12-2004,English		5 7	1206	0.05:04:00
Exile	Shannonmessenger			Caitlinkelly			06-11-2018,English		5 20	836	0.14:41:00
Merlin Mission Collection	Marypopeosborne			Marypopeosborne			02-05-2017,English	Ę	5 11	1256	0.10:18:00
Neverseen	Shannonmessenger			Caitlinkelly			06-11-2018,English		5 13	1003	0.16:42:00
The Tower Of Nero	Rickriordan			Robbiedaymond			06-10-2020,English		5 79	615	0.12:12:00
Eldest: The Inheritance Cycle, Book 2	Christopherpaolini			Gerrarddoyle			14-04-2009,English	4.5	5 47	957	0.23:29:00
Artemis Fowl	Eoincolfer			Gerryo'Brien			11-04-2013,English	Ę	5 27	683	0.06:46:00
Geronimo Stilton 22 & 24	Geronimostilton			Billlobley			01-02-2011,English	4.5	5 25	469	0.02:37:00
Percy Jackson And The Battle Of The Labyrinth	Rickriordan			Jessebernstein			21-01-2010,English	Ę	5 101	820	0.10:32:00
Winnie-The-Pooh	A.A.Milne			Peterdennis			28-12-2003,English		5 15	468	0.02:46:00
Magic Tree House Collection: Books 25-32	Marypopeosborne			Marypopeosborne			01-09-2020,English		5 3	1256	0.07:09:00
	<u> </u>			B.III 1 1						400	0 00 00 00

# THANK YOU