



audible

DATA CLEANING PROJECT



Presented by
Kalpita Hazra

INTRODUCTION

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 where the user receives "credits" that can be redeemed for content monthly and receive access to a curated on-demand library of content.



UNCLEANED DATASET

A	B	C	D	E	F	G	H
name	author	narrator	time	release date	language	stars	price
Geronimo Siltan #11 & #12	Written by: Geronimo Siltan	Narrated by: Bill Lobley	2 hrs and 20 mins	04-08-2008	English	5 out of 5 stars34 ratings	468
The Burning Maze	Written by: Rick Kordan	Narrated by: Robbie Daymond	13 hrs and 8 mins	01-05-2018	English	4.5 out of 5 stars41 ratings	820
The Deep End	Written by: Jeff Kinney	Narrated by: Dan Russell	2 hrs and 3 mins	06-11-2020	English	4.5 out of 5 stars18 ratings	410
Daughter of the Deep	Written by: Rick Kordan	Narrated by: Soneria Nankani	11 hrs and 16 mins	05-10-2021	English	4.5 out of 5 stars12 ratings	615
The Lightning Thief: Percy Jackson, Book 1	Written by: Rick Kordan	Narrated by: Jesse Bernstein	10 hrs	13-01-2010	English	4.5 out of 5 stars181 rating	820
The Hunger Games: Special Edition	Written by: Suzanne Collins	Narrated by: Tatiana Maslany	10 hrs and 35 mins	30-10-2018	English	5 out of 5 stars72 ratings	656
Quest for the Diamond Sword	Written by: Winter Morgan	Narrated by: Luke Daniels	2 hrs and 23 mins	25-11-2014	English	5 out of 5 stars11 ratings	233
The Dark Prophecy	Written by: Rick Kordan	Narrated by: Robbie Daymond	12 hrs and 32 mins	02-05-2017	English	5 out of 5 stars50 ratings	820
Morfin Mission Collection	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	10 hrs and 56 mins	02-05-2017	English	5 out of 5 stars5 ratings	1,256.00
The Tyrant's Tomb	Written by: Rick Kordan	Narrated by: Robbie Daymond	13 hrs and 22 mins	24-09-2019	English	5 out of 5 stars58 ratings	820
The Titan's Curse: Percy Jackson, Book 3	Written by: Rick Kordan	Narrated by: Jesse Bernstein	8 hrs and 48 mins	14-01-2010	English	4.5 out of 5 stars130 rating	820
Magic Tree House Collection: Books 9-16	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	5 hrs and 23 mins	24-08-2011	English	5 out of 5 stars6 ratings	1,206.00
Magic Tree House Collection: Books 1-8	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	6 hrs and 1 min	27-09-2011	English	5 out of 5 stars7 ratings	1,206.00
Magnus Chase and the Ship of the Dead	Written by: Rick Kordan	Narrated by: Michael Crouch	12 hrs and 58 mins	03-10-2017	English	5 out of 5 stars41 ratings	820
Northern Lights	Written by: Philip Pullman	Narrated by: Philip Pullman, Juliette Rutherford	11 hrs and 55 mins	24-06-2021	English	4 out of 5 stars2 ratings	1,093.00
Geronimo Siltan #13 and #14	Written by: Geronimo Siltan	Narrated by: Bill Lobley	2 hrs and 25 mins	08-02-2008	English	4.5 out of 5 stars33 ratings	467
Magic Tree House Collection	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	5 hrs and 4 mins	26-12-2004	English	5 out of 5 stars7 ratings	1,206.00
Exile	Written by: Shannon Messenger	Narrated by: Caitlin Kelly	14 hrs and 41 mins	06-11-2018	English	5 out of 5 stars20 ratings	836
Morfin Mission Collection	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	10 hrs and 18 mins	02-05-2017	English	5 out of 5 stars11 ratings	1,256.00
Neverseen	Written by: Shannon Messenger	Narrated by: Caitlin Kelly	16 hrs and 42 mins	06-11-2018	English	5 out of 5 stars13 ratings	1,001.00
The Tower of Nero	Written by: Rick Kordan	Narrated by: Robbie Daymond	12 hrs and 12 mins	06-10-2020	English	5 out of 5 stars79 ratings	615
Eldest: The Inheritance Cycle, Book 2	Written by: Christopher Paolini	Narrated by: Gerrard Doyle	23 hrs and 29 mins	14-04-2009	English	4.5 out of 5 stars47 ratings	957
Artemis Fowl	Written by: Eoin Colfer	Narrated by: Gerry O'Brien	6 hrs and 46 mins	11-04-2013	English	5 out of 5 stars27 ratings	683
Geronimo Siltan 22 & 24	Written by: Geronimo Siltan	Narrated by: Bill Lobley	2 hrs and 37 mins	01-02-2011	English	4.5 out of 5 stars25 ratings	469
Percy Jackson and the Battle of the Labyrinth	Written by: Rick Kordan	Narrated by: Jesse Bernstein	10 hrs and 32 mins	21-01-2010	English	5 out of 5 stars105 ratings	820
Winlock the Pooh	Written by: A.A. Milne	Narrated by: Peter Dennis	2 hrs and 46 mins	28-12-2003	English	5 out of 5 stars15 ratings	468
Magic Tree House Collection: Books 25-32	Written by: Mary Pope Osborne	Narrated by: Mary Pope Osborne	7 hrs and 9 mins	01-09-2020	English	5 out of 5 stars3 ratings	1,256.00
Geronimo Siltan #20 and #21	Written by: Geronimo Siltan	Narrated by: Bill Lobley	2 hrs and 32 mins	01-10-2010	English	5 out of 5 stars18 ratings	469
The Red Pyramid	Written by: Rick Kordan	Narrated by: Jane Collingwood, Joseph May	13 hrs and 44 mins	24-01-2013	English	4.5 out of 5 stars37 ratings	820



Steps Taken to Refine Data



APPLIED STEPS

- Source
- Promoted Headers
- Replaced Value1
- Changed Type
- Capitalized Each Word
- Inserted Text After Delimiter
- Reordered Columns
- Removed Columns
- Renamed Columns
- Trimmed Text
- Split Column by Delimiter
- Changed Type1
- Split Column by Character ...
- Merged Columns
- Split Column by Character ...
- Merged Columns1
- Removed Columns1
- Split Column by Character ...
- Merged Columns2
- Renamed Columns1
- Trimmed Text1
- Extracted Text After Delimi...

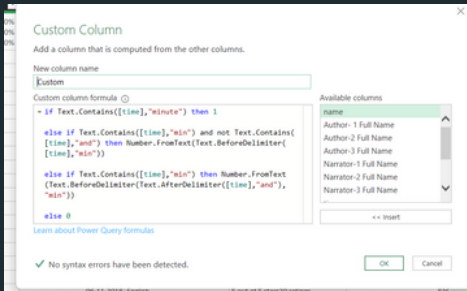
APPLIED STEPS

- Extracted Text After Delimi...
- Trimmed Text2
- Split Column by Delimiter1
- Changed Type2
- Removed Columns2
- Split Column by Character ...
- Merged Columns3
- Split Column by Character ...
- Merged Columns4
- Renamed Columns2
- Added Custom
- Renamed Columns3
- Added Custom1
- Reordered Columns1
- Inserted Multiplication
- Inserted Addition
- Renamed Columns4

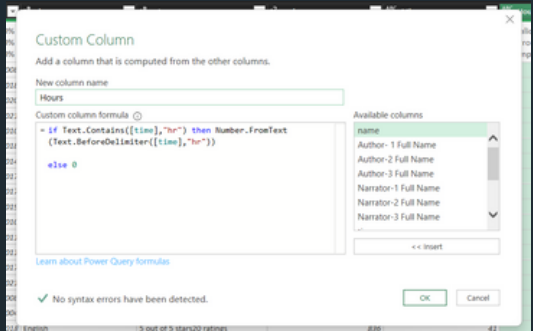
APPLIED STEPS

- Added Custom1
- Reordered Columns1
- Inserted Multiplication
- Inserted Addition
- Renamed Columns4
- Reordered Columns2
- Removed Columns3
- Split Column by Delimiter2
- Changed Type3
- Replaced Value
- Filtered Rows
- Split Column by Character ...
- Removed Columns4
- Extracted Text Before Deli...
- Renamed Columns5
- Changed Type4
- Removed Columns5
- Changed Type5
- Capitalized Each Word1
- Filtered Rows1
- Merged Columns5
- Filtered Rows2

CUSTOM COLUMN



Converting Time



CLEANED DATASET



	A	B	C	D	E	F	G	H	I	J	K	L	M
	1	2	3	4	5	6	7	8	9	10	11	12	13
	Name	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8	Author 9	Author 10	Author 11	Author 12
1	Gerónimo Siltón #1 & #2	Rick Riordan	Robbie Daymond	Bill Lobley	2 hrs and 20 mins	140	06-08-2008	English	5	36	820		
2	The Burning Maze	Rick Riordan	Robbie Daymond	Bill Lobley	13 hrs and 8 mins	788	01-05-2018	English	4.5	41	820		
3	The Deep End	Jeff Kinney	Dan Russell	12 hrs and 3 mins	123	06-11-2020	English	4.5	38	430			
4	Daughter Of The Deep	Rick Riordan	Sowden Nankani	11 hrs and 16 mins	676	10-10-2021	English	4.5	12	410			
5	The Lightning Thief: Percy Jackson, Book 1	Rick Riordan	Jesse Bernstein	10 hrs	600	01-01-2010	English	4.5	181	820			
6	The Hunger Games: Special Edition	Suzanne Collins	Tatiana Maslany	10 hrs and 35 mins	635	10-10-2018	English	5	72	656			
7	Guest For The Diamond Sword	Winter Morgan	Luke Daniels	2 hrs and 23 mins	143	25-11-2014	English	5	11	233			
8	The Dark Prophecy	Rick Riordan	Robbie Daymond	12 hrs and 12 mins	75	02-05-2017	English	5	50	820			
9	Merlin Mission Collection	Mary Pope Osborne	Mary Pope Osborne	10 hrs and 56 mins	696	02-05-2017	English	5	5	1256			
10	The Tyrant's Tomb	Rick Riordan	Robbie Daymond	13 hrs and 22 mins	802	24-09-2015	English	5	58	820			
11	The Titan's Curse: Percy Jackson, Book 3	Rick Riordan	Jesse Bernstein	8 hrs and 48 mins	538	14-01-2010	English	4.5	130	820			
12	Magi: Tree House Collection: Books 9-16	Mary Pope Osborne	Mary Pope Osborne	5 hrs and 23 mins	323	24-08-2011	English	5	6	1206			
13	Magi: Tree House Collection: Books 1-8	Mary Pope Osborne	Mary Pope Osborne	6 hrs and 31 mins	361	27-09-2011	English	5	7	1206			
14	Magnum Chase And The Ship Of The Dead	Rick Riordan	Michael Crouch	12 hrs and 58 mins	715	24-06-2021	English	4	41	820			
15	Northern Lights	Philip Pullman	Fullcast	Ruth Wilson	11 hrs and 55 mins	75	24-06-2021	English	4	2	1091		
16	Gerónimo Siltón #13 And #14	Gerónimo Siltón	Bill Lobley	2 hrs and 25 mins	145	08-02-2008	English	4.5	33	467			
17	Magi: Tree House Collection	Mary Pope Osborne	Mary Pope Osborne	5 hrs and 4 mins	304	26-12-2004	English	5	7	1206			
18	Merlin Mission Collection	Shannon Messenger	Callie Kelly	14 hrs and 41 mins	881	05-11-2018	English	5	20	836			
19	Neverseen	Shannon Messenger	Mary Pope Osborne	10 hrs and 18 mins	618	02-05-2017	English	5	11	1256			
20	The Tower Of Nero	Rick Riordan	Callie Kelly	16 hrs and 42 mins	1002	06-11-2018	English	5	13	1001			
21	Idiot: The Inheritance Cycle, Book 2	Christopher Paolini	Robbie Daymond	12 hrs and 12 mins	732	06-10-2020	English	5	79	618			
22	Artemis Fowl	Eoin Colfer	Gerard Doyle	23 hrs and 29 mins	1409	14-04-2009	English	4.5	47	957			
23	Gerónimo Siltón 22 & 24	Gerónimo Siltón	Gerry O'Brien	6 hrs and 46 mins	406	11-04-2011	English	5	27	683			
24	Percy Jackson And The Battle Of The Labyrinth	Rick Riordan	Bill Lobley	157	01-01-2011	English	4.5	25	469				
25	Winie-The-Pooh	A.A.Milne	Jesse Bernstein	Peter Dennis	30 hrs and 32 mins	612	01-01-2010	English	5	101	820		
26	Magi: Tree House Collection: Books 25-32	Mary Pope Osborne	Mary Pope Osborne	2 hrs and 46 mins	166	28-12-2003	English	5	15	468			
27	Gerónimo Siltón #20 And #21	Gerónimo Siltón	Bill Lobley	7 hrs and 9 mins	429	01-09-2020	English	5	3	1256			
28	The Red Pyramid	Rick Riordan	Bill Lobley	2 hrs and 12 mins	115	10-10-2010	English	5	101	820			
29	Mystery Of The Griffr's Mark	Winter Morgan	Jane Collingwood	13 hrs and 44 mins	824	24-01-2013	English	4.5	37	820			
30	Gerónimo Siltón #17	Gerónimo Siltón	Luke Daniels	1 hr and 53 mins	113	25-11-2014	English	5	9	231			
31	Gerónimo Siltón #18	Gerónimo Siltón	Bill Lobley	3 hrs and 18 mins	144	03-07-2004	English	5	9	231			

Clean Dataset Link :

https://docs.google.com/spreadsheets/d/1MUFeyB12KnSCcfVoN-A-R5EBJ1faDSgMs/edit?usp=sharing&uid=100895257318188830204&r_of=true&sd=tru

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Kalpita Hazra

CONCLUSION

In this project, we successfully cleaned and standardized Audible's dataset using Power Query. This involved ensuring consistent formatting, correcting data inconsistencies, and preparing the data for accurate analysis. The resulting clean and organized dataset is now ready for deeper insight and analysis, demonstrating the importance of thorough data preparation in achieving reliable results.



THANK YOU

