



audible
an **amazon** company

PRESENTATION

By
Keshab Karmakar

ABOUT AUDIBLE

Audible is a subsidiary of Amazon and is best known for its extensive library of audiobooks, podcasts, and other spoken-word entertainment. Founded in 1995, Audible has become one of the leading platforms for audiobooks, offering users a subscription service that provides access to a wide range of content.

PROJECT OVERVIEW

This project involves cleaning and transforming a dataset from Audible using Microsoft Excel's Power Query Editor. The dataset may include information such as audiobook titles, authors, categories, durations, ratings, and customer reviews. The goal is to prepare the data for analysis by standardizing formats, removing duplicates, handling missing values, and reshaping the data as required.

KEY OBJECTIVES



```
graph TD; A[KEY OBJECTIVES] --> B[Data Import]; A --> C[Data Cleaning]; A --> D[Data Reshaping]; A --> E[Data Validation]; A --> F[Export Cleaned Data];
```

Data Import

Data Cleaning

Data Reshaping

Data Validation

Export
Cleaned Data

AUDIBLE_UNCLEANED DATA SETS

	A _C name	A _C author	A _C narrator	A _C time	A _C releasedate	A _C language	A _C stars	A _C price
1	Geronimo Stilton #11 & #12	Writtenby:GeronimoStilton	Narratedby:BillLobely	2 hrs and 20 mins	04-08-08	English	5 out of 5 stars34 ratings	468.00
2	The Burning Maze	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 8 mins	01-05-18	English	4.5 out of 5 stars41 ratings	820.00
3	The Deep End	Writtenby:JeffKinney	Narratedby:DanRussell	2 hrs and 3 mins	06-11-20	English	4.5 out of 5 stars38 ratings	410.00
4	Daughter of the Deep	Writtenby:RickRiordan	Narratedby:SoneelaNankani	11 hrs and 16 mins	05-10-21	English	4.5 out of 5 stars12 ratings	615.00
5	The Lightning Thief: Percy Jac...	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs	13-01-10	English	4.5 out of 5 stars181 ratings	820.00
6	The Hunger Games: Special E...	Writtenby:SuzanneCollins	Narratedby:TatianaMaslany	10 hrs and 35 mins	30-10-18	English	5 out of 5 stars72 ratings	656.00
7	Quest for the Diamond Sword	Writtenby:WinterMorgan	Narratedby:LukeDaniels	2 hrs and 23 mins	25-11-14	English	5 out of 5 stars11 ratings	233.00
8	The Dark Prophecy	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 32 mins	02-05-17	English	5 out of 5 stars50 ratings	820.00
9	Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 56 mins	02-05-17	English	5 out of 5 stars5 ratings	1,256.00
10	The Tyrant's Tomb	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 22 mins	24-09-19	English	5 out of 5 stars58 ratings	820.00
11	The Titan's Curse: Percy Jacks...	Writtenby:RickRiordan	Narratedby:JesseBernstein	8 hrs and 48 mins	14-01-10	English	4.5 out of 5 stars130 ratings	820.00
12	Magic Tree House Collection:...	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 23 mins	24-08-11	English	5 out of 5 stars6 ratings	1,206.00
13	Magic Tree House Collection:...	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	6 hrs and 1 min	27-09-11	English	5 out of 5 stars7 ratings	1,206.00
14	Magnus Chase and the Ship o...	Writtenby:RickRiordan	Narratedby:MichaelCrouch	12 hrs and 58 mins	03-10-17	English	5 out of 5 stars41 ratings	820.00
15	Northern Lights	Writtenby:PhilipPullman	Narratedby:PhilipPullman,fullc...	11 hrs and 55 mins	24-06-21	English	4 out of 5 stars2 ratings	1,093.00
16	Geronimo Stilton #13 and #14	Writtenby:GeronimoStilton	Narratedby:BillLobley	2 hrs and 25 mins	08-02-08	English	4.5 out of 5 stars33 ratings	467.00
17	Magic Tree House Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	5 hrs and 4 mins	26-12-04	English	5 out of 5 stars7 ratings	1,206.00
18	Exile	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	14 hrs and 41 mins	06-11-18	English	5 out of 5 stars20 ratings	836.00
19	Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 18 mins	02-05-17	English	5 out of 5 stars11 ratings	1,256.00
20	Neverseen	Writtenby:ShannonMessenger	Narratedby:CaitlinKelly	16 hrs and 42 mins	06-11-18	English	5 out of 5 stars13 ratings	1,003.00
21	<							>

APPLIED STEP – 1

Source	✳
Promoted Headers	✳
Capitalized Each Word	
Extracted Text After Delimiter	✳
Split Column by Delimiter	✳
Changed Type	
Removed Columns	
Replaced Value	✳
Split Column by Character Transition	
Merged Columns	✳
Trimmed Text	
Split Column by Character Transition1	
Merged Columns1	✳
Trimmed Text1	
Split Column by Character Transition2	
Merged Columns2	✳
Trimmed Text2	
Extracted Text After Delimiter1	✳

APPLIED STEP - 2

Split Column by Delimiter1	✳
Changed Type1	
Removed Columns1	
Replaced Value1	✳
Split Column by Character Transition3	
Merged Columns3	✳
Trimmed Text3	
Split Column by Character Transition4	
Merged Columns4	✳
Trimmed Text4	
Split Column by Character Transition5	
Merged Columns5	✳
Trimmed Text5	
Changed Type with Locale	✳
Merged Columns6	✳
Replaced Errors	✳
Changed Type2	
Added Custom	✳

APPLIED STEP - 3

Multiplied Column

Renamed Columns

Added Custom1

Inserted Addition

Renamed Columns1

Removed Columns2

Added Custom2

Extracted Text Before Delimiter

Replaced Value2

Changed Type3

✕ Replaced Value3

CUSTOM COLUMN – HOURS

Custom Column

Add a column that is computed from the other columns.

New column name

Hours

Custom column formula ⓘ

```
= if Text.Contains([time], "hr")
  then Number.FromText(Text.BeforeDelimiter([time], " hr"))

  else 0
```

Available columns

name

Author 1

Author 2

Author 3

Narrator 1

Narrator 2

Narrator 3

<< Insert

Learn about Power Query formulas

✓ No syntax errors have been detected.

OK

Cancel

CUSTOM COLUMN – MINUTES

Custom Column

Add a column that is computed from the other columns.

New column name

Minutes

Custom column formula ⓘ

```
= if Text.Contains([time], "min") and not Text.Contains([time], "and") then Number.FromText(Text.BeforeDelimiter([time], "min"))

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

else 0
```

Available columns

name

Author 1

Author 2

Author 3

Narrator 1

Narrator 2

Narrator 3

<< Insert

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✓ No syntax errors have been detected.

OK Cancel

CUSTOM COLUMN – RATINGS

Custom Column

Add a column that is computed from the other columns.

New column name

Ratings

Custom column formula ⓘ

```
= if Text.Contains([stars],"ratings")
  then Number.FromText(Text.BeforeDelimiter
    (Text.AfterDelimiter([stars],"stars")," ratings"))
  else null
```

Available columns

name

Author 1

Author 2

Author 3

Narrator 1

Narrator 2

Narrator 3

<< Insert

[Learn about Power Query formulas](#)

✓ No syntax errors have been detected.

OK

Cancel

AUDIBLE-CLEANED DATA SETS

name	Author 1	Author 2	Author 3	Narrator 1	Narrator 2	Narrator 3	Releaseinfo	stars	price	Duration in Minute	Ratings
The Rise And Fall Of T	William L.Shirer	Not Applicable	Not Applicable	Grover Gardner	Not Applicable	Not Applicable	7/16/2010,English	5	1338.00	3431	99
Crush It!	Gary Vaynerchuk	Not Applicable	Not Applicable	Gary Vaynerchuk	Not Applicable	Not Applicable	1/5/2010,English	4.5	900.00	220	99
Ego Is The Enemy	Ryan Holiday	Not Applicable	Not Applicable	Ryan Holiday	Not Applicable	Not Applicable	6/14/2016,English	4.5	586.00	416	99
India'S Wars	Arjun Subramanian	Not Applicable	Not Applicable	Surjan Singh	Not Applicable	Not Applicable	6/14/2018,English	4.5	704.00	1172	99
Harappa	Vineet Bajpai	Not Applicable	Not Applicable	Neel Chaudhuri	Not Applicable	Not Applicable	11/13/2018,English	4.5	259.00	474	99
The \$100 Startup	Chris Guillebeau	Not Applicable	Not Applicable	Chris Guillebeau	Thomas Vincent	Not Applicable	5/8/2012,English	4.5	879.00	494	99
My Gita	Devdutt Pattanaik	Not Applicable	Not Applicable	Vivek Madan	Not Applicable	Not Applicable	1/1/2017,English	4.5	255.00	375	985
Charlie Munger	Tren Griffin	Not Applicable	Not Applicable	Fred Stella	Not Applicable	Not Applicable	9/15/2015,English	4.5	670.00	381	98
100 Baggers	Christopher W.May	Not Applicable	Not Applicable	Tom Jacobs	Not Applicable	Not Applicable	11/6/2017,English	4.5	668.00	379	98
Catch Me If You Can	Frank W.Abagnale	Stan Redding	Not Applicable	Barrett Whitener	Not Applicable	Not Applicable	9/13/2002,English	4.5	702.00	510	98
Sita: Warrior Of Mithi	Amish	Not Applicable	Not Applicable	Sagar Arya	Not Applicable	Not Applicable	8/29/2017,English	4.5	328.00	670	975
The Universe Has You	Gabrielle Bernstein	Not Applicable	Not Applicable	Gabrielle Bernstein	Not Applicable	Not Applicable	9/27/2016,English	5	586.00	270	97
Untamed	Glennon Doyle	Not Applicable	Not Applicable	Glennon Doyle	Not Applicable	Not Applicable	3/17/2020,English	4.5	888.00	502	97
The Silk Roads	Peter Frankopan	Not Applicable	Not Applicable	Laurence Kennedy	Not Applicable	Not Applicable	8/27/2015,English	4.5	1338.00	1454	97
Turtles All The Way D	John Green	Not Applicable	Not Applicable	Kate Rudd	Not Applicable	Not Applicable	10/10/2017,English	4.5	683.00	431	97
Rich Dad Poor Dad: 20	Robert T.Kiyosaki	Not Applicable	Not Applicable	Tom Parks	Not Applicable	Not Applicable	5/14/2019,English	4.5	502.00	502	961
The Lost Hero	Rick Riordan	Not Applicable	Not Applicable	Joshua Swanson	Not Applicable	Not Applicable	3/27/2014,English	5	957.00	994	96
The Best Of Akbar - Bi	Om Books Internati	Not Applicable	Not Applicable	Vivek Madan	Not Applicable	Not Applicable	4/3/2018,English	4.5	284.00	67	96
The Audacity Of Hope	Barack Obama	Not Applicable	Not Applicable	Barack Obama	Not Applicable	Not Applicable	9/25/2006,English	4.5	754.00	370	96
The Obstacle Is The W	Ryan Holiday	Not Applicable	Not Applicable	Ryan Holiday	Not Applicable	Not Applicable	5/6/2014,English	4.5	668.00	267	96



AUDIBLE-CLEANED DATA SETS
LINK BELOW

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Thank You