



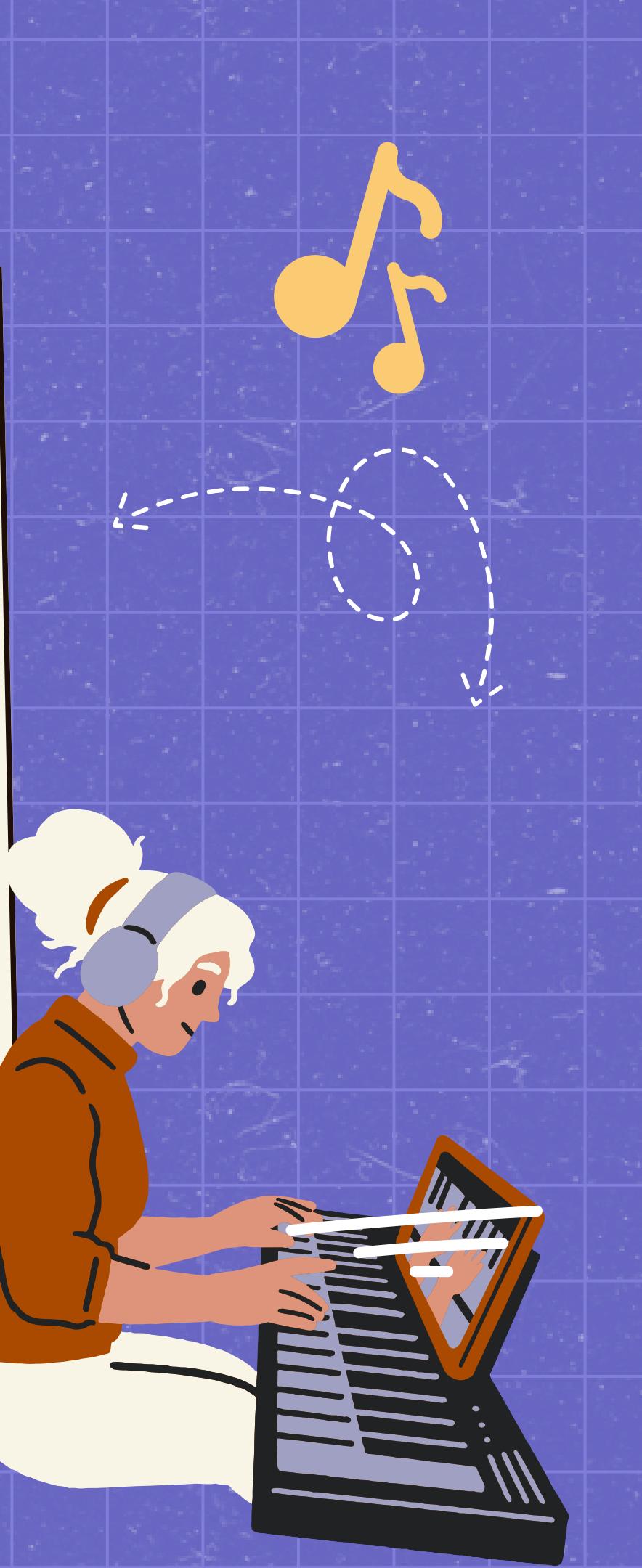
audible

“There's more to imagine when you listen.”

# Cleaning Data in Excel Power Query

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# Introduction



Audible is a subscription service from Amazon that offers audiobooks, podcasts, and original content. It's the largest producer and retailer of audiobooks in the United States. Audible offers a large selection of titles, including new releases, classics, and podcasts.

# STEPS

1. Open PQ editor in Excel

2. Transform/add column  
as per requirement

3. Close and load your  
clean data



## APPLIED STEPS

- Source
- Promoted Headers
- Capitalized Each Word
- Extracted Text After Delimi...
- Split Column by Delimiter
- Filtered Rows
- Replaced Value2
- Filtered Rows2
- Changed Type
- Removed Columns
- Replaced Value
- Split Column by Character ...
- Merged Columns
- Trimmed Text
- Split Column by Character ...
- Merged Columns1
- Replaced Value1
- Trimmed Text1

## APPLIED STEPS

- Trimmed Text1
- Split Column by Character ...
- Merged Columns2
- Trimmed Text2
- Extracted Text After Delimi...
- Split Column by Delimiter1
- Changed Type1
- Removed Columns1
- Split Column by Character ...
- Merged Columns3
- Trimmed Text3
- Split Column by Character ...
- Merged Columns4
- Trimmed Text4
- Split Column by Character ...
- Merged Columns5
- Trimmed Text5
- Filtered Rows1

## APPLIED STEPS

- Merged Columns5
- Trimmed Text5
- Filtered Rows1
- Added Custom
- Multiplied Column
- Reordered Columns
- Added Custom1
- Renamed Columns
- Inserted Addition
- Renamed Columns1
- Removed Columns2
- Changed Type2
- Added Custom2
- Extracted Text Before Deli...
- Replaced Value3
- Changed Type3
- Replaced Value4
- Filtered Rows3

# CUSTOMISED TIME "Hrs -> Mins"

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

Narrator 2  
Narrator 3  
releasedate  
language  
stars  
price  
time  
Hours

<< Insert

Learn about Power Query formulas

✓ No syntax errors have been detected.

OK Cancel



# Customised Ratings column

Columns    Reduce Rows    Sort    Transform    Combine    Parameters    Data Sources

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    OK    Cancel

Learn about Power Query formulas

✓ No syntax errors have been detected.



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.

# Unclean data : Link



A	B	C	D	E	F	G	H
name	author	narrator	time	releasedate	language	stars	price
Geronimo Stilton #11	Writtenby:Geronimo	Narratedby:BillLobel	2 hrs and 20 mins	04-08-2008	English	5 out of 5 stars34 rat	468
The Burning Maze	Writtenby:RickRiorda	Narratedby:RobbieD	13 hrs and 8 mins	01-05-2018	English	4.5 out of 5 stars41 ra	820
The Deep End	Writtenby:JeffKinney	Narratedby:DanRuss	2 hrs and 3 mins	06-11-2020	English	4.5 out of 5 stars38 r	410
Daughter of the Deep	Writtenby:RickRiorda	Narratedby:Soneela	11 hrs and 16 mins	05-10-2021	English	4.5 out of 5 stars12 ra	615
The Lightning Thief:	Writtenby:RickRiorda	Narratedby:JesseBe	10 hrs	13-01-2010	English	4.5 out of 5 stars181 r	820



# Clean data : Link

A	B	C	D	E	F	G	H	I	J	K	L	M
1	name	- Author 1	- Author 2	- Author 3	- Narrator 1	- Narrator 2	- releasedate	- lang	- stars	- price	- Dur	- rat
2	Geronimo Stilton #11 & #12	Geronimo Stilton	Not Applicable	Not Applicable	Bill Lobel		04-08-2008	English	5	468	140	34
3	The Burning Maze	Rick Riordan	Not Applicable	Not Applicable	Robbie Daymond		01-05-2018	English	4.5	820	788	41
4	The Deep End	Jeff Kinney	Not Applicable	Not Applicable	Dan Russell		06-11-2020	English	4.5	410	123	38
5	Daughter Of The Deep	Rick Riordan	Not Applicable	Not Applicable	Soneela Nankani		05-10-2021	English	4.5	615	676	12
6	The Lightning Thief:	Rick Riordan	Not Applicable	Not Applicable	Jesse Bean		13-01-2010	English	4.5	820	600	181



# Thank You

Keep in touch for more Data Analysis Project's

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