Project on Audible data cleaning & Analysis

Presentation on Audible Podcast App Data-Set
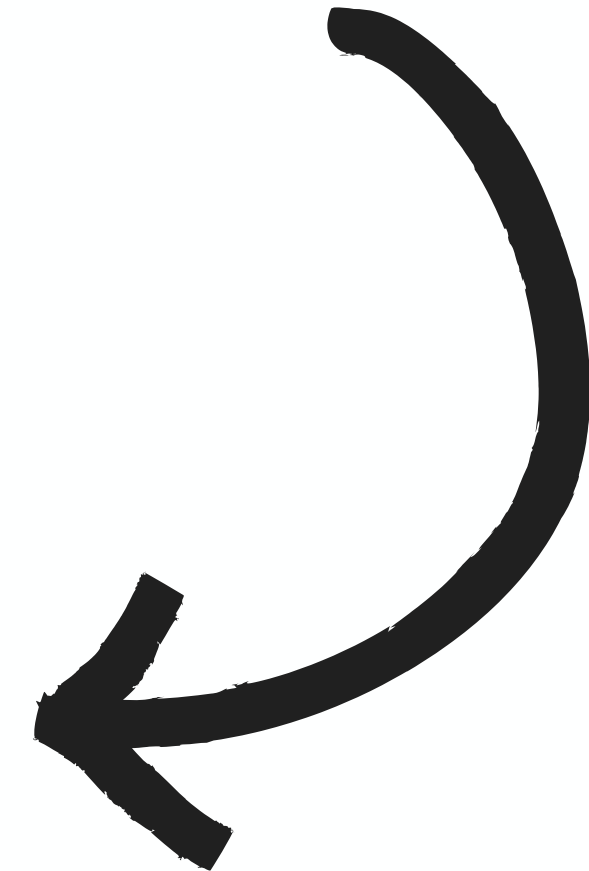
Presented By:
Pankaj Kumar

audible

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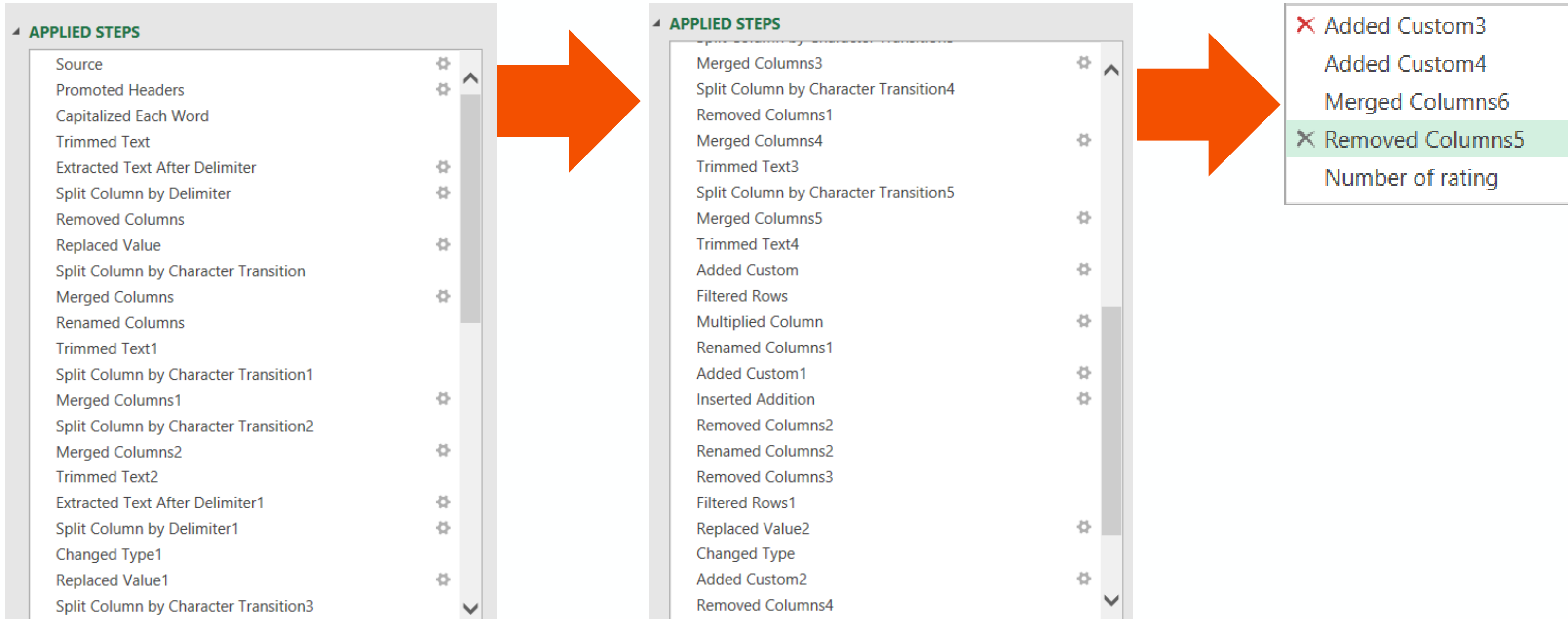|	ABC name	ABC author	ABC narrator	ABC time	releasedate	ABC language
1	Geronimo Stilton #11 & #12	Writtenby:GeronimoStilton	Narratedby:BillLobely	2 hrs and 20 mins	04-08-2008	English
2	The Burning Maze	Writtenby:RickRiordan	Narratedby:RobbieDaymond	13 hrs and 8 mins	01-05-2018	English
3	The Deep End	Writtenby:JeffKinney	Narratedby:DanRussell	2 hrs and 3 mins	06-11-2020	English
4	Daughter of the Deep	Writtenby:RickRiordan	Narratedby:SoneelaNankani	11 hrs and 16 mins	05-10-2021	English
5	The Lightning Thief: Percy Jac...	Writtenby:RickRiordan	Narratedby:JesseBernstein	10 hrs	13-01-2010	English
6	The Hunger Games: Special E...	Writtenby:SuzanneCollins	Narratedby:TatianaMaslany	10 hrs and 35 mins	30-10-2018	English
7	Quest for the Diamond Sword	Writtenby:WinterMorgan	Narratedby:LukeDaniels	2 hrs and 23 mins	25-11-2014	English
8	The Dark Prophecy	Writtenby:RickRiordan	Narratedby:RobbieDaymond	12 hrs and 32 mins	02-05-2017	English
9	Merlin Mission Collection	Writtenby:MaryPopeOsborne	Narratedby:MaryPopeOsborne	10 hrs and 56 mins	02-05-2017	English

ABC stars	123 price
5 out of 5 stars34 ratings	468
4.5 out of 5 stars41 ratings	820
4.5 out of 5 stars38 ratings	410
4.5 out of 5 stars12 ratings	615
4.5 out of 5 stars181 ratings	820
5 out of 5 stars72 ratings	656
5 out of 5 stars11 ratings	233

Applied Steps on Power Query Editor

◢ APPLIED STEPS

Source	⚙
Promoted Headers	⚙
Capitalized Each Word	
Trimmed Text	
Extracted Text After Delimiter	⚙
Split Column by Delimiter	⚙
Removed Columns	
Replaced Value	⚙
Split Column by Character Transition	
Merged Columns	⚙
Renamed Columns	
Trimmed Text1	
Split Column by Character Transition1	
Merged Columns1	⚙
Split Column by Character Transition2	
Merged Columns2	⚙
Trimmed Text2	
Extracted Text After Delimiter1	⚙
Split Column by Delimiter1	⚙
Changed Type1	
Replaced Value1	⚙
Split Column by Character Transition3	

◢ APPLIED STEPS

Split Column by Character Transition3	
Merged Columns3	⚙
Split Column by Character Transition4	
Removed Columns1	
Merged Columns4	⚙
Trimmed Text3	
Split Column by Character Transition5	
Merged Columns5	⚙
Trimmed Text4	
Added Custom	⚙
Filtered Rows	
Multiplied Column	⚙
Renamed Columns1	
Added Custom1	⚙
Inserted Addition	⚙
Removed Columns2	
Renamed Columns2	
Removed Columns3	
Filtered Rows1	
Replaced Value2	⚙
Changed Type	
Added Custom2	⚙
Removed Columns4	

✕ Added Custom3	
Added Custom4	
Merged Columns6	
✕ Removed Columns5	
Number of rating	

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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
```

Availa

nam
auth
auth
auth
narr
narr
narr

Custom Column

Add a column that is computed from the other columns.

New column name

```
mins
```

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
```

Custom Column

Add a column that is computed from the other columns.

New column name

```
Rating
```

Custom column formula ⓘ

```
= if Text.Contains([stars],"out") and not Text.Contains(
  [stars],"Not")
  then Number.FromText(Text.BeforeDelimiter([stars],"out"))
  else if Text.Contains([stars],"Not")
  then [stars]
  else 0
```

Custom Column

Add a column that is computed from the other columns.

New column name

```
Number of rating
```

Custom column formula ⓘ

```
= if Text.Contains([stars],"stars") then
  Number.FromText(Text.BeforeDelimiter(Text.AfterDelimiter(
  [stars],"stars")," rating"))
  else if Text.Contains([stars],"Not")
  then [stars]

  else 0
```
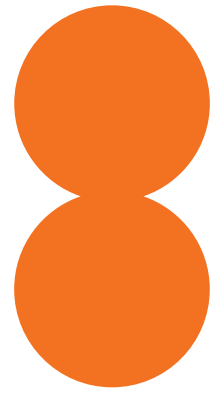
	name	author1	author 2	author3	narrator1	narrator2
1	Geronimo Stilton #11 & #12	Geronimo Stilton	NA	NA	Bill Lobely	NA
2	The Burning Maze	Rick Riordan	NA	NA	Robbie Daymond	NA
3	The Deep End	Jeff Kinney	NA	NA	Dan Russell	NA
4	Daughter Of The Deep	Rick Riordan	NA	NA	Soneela Nankani	NA
5	The Lightning Thief: Percy Jac...	Rick Riordan	NA	NA	Jesse Bernstein	NA
6	The Hunger Games: Special E...	Suzanne Collins	NA	NA	Tatiana Maslany	NA
7	Quest For The Diamond Sword	Winter Morgan	NA	NA	Luke Daniels	NA
8	The Dark Prophecy	Rick Riordan	NA	NA	Robbie Daymond	NA
9	Merlin Mission Collection	Mary Osborne Pope	NA	NA	Mary Pope Osborne	NA

	or3	releaseinfo	price	Total Duration(mins)	Rating	Number of rating
1		04-08-08, English	468.00	140	5	34
2		01-05-18, English	820.00	788	4.5	41
3		06-11-20, English	410.00	123	4.5	38
4		05-10-21, English	615.00	676	4.5	12
5		13-01-10, English	820.00	600	4.5	181
6		30-10-18, English	656.00	635	5	72
7		25-11-14, English	233.00	143	5	11
8		02-05-17, English	820.00	752	5	50
9		02-05-17, English	1,256.00	656	5	5
10		24-09-19, English	820.00	802	5	58
11		14-01-10, English	820.00	528	4.5	130
12		24-08-11, English	1,206.00	323	5	6

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