

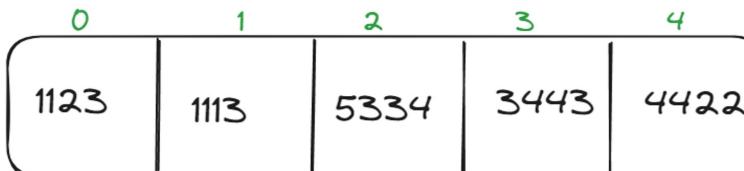
Data Transformation - 5

03 September 2024 15:53

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Sales Table:

- Implement a custom column of your choice using the "Invoke Custom Function" feature.
- Create Index Column



arr[5] - where indexing starts from 0.

array

- Contiguous memory allocation.
- Sequential Manner.
- Similar Type of Data

arr[2] → 5334

The screenshot shows the Power BI Data Editor interface. On the left, the 'Index Column' dialog is open with options 'From 0', 'From 1', and 'Custom...' highlighted. In the center, the 'Sales Record 2015-17' table is displayed with its 'All Properties' pane open, showing the 'Applied Steps' list which includes 'Added Index'. On the right, a context menu is open over the 'Added Index' step, listing options such as Copy, Remove, and Move.

Add Index Column

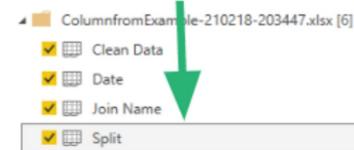
Add an index column with a specified starting index and increment.

The screenshot shows the 'Add Index Column' dialog. It contains two input fields: 'Starting Index' with the value '578923' and 'Increment' with the value '1'. Both fields are highlighted with a green box.

OK Cancel

The screenshot shows the 'Index' dialog and the 'All Properties' pane. The 'Index' dialog displays statistics: '1000 distinct, 1000 unique'. The 'All Properties' pane shows the 'Applied Steps' list, which includes 'Added Index'.

	Expanded d-customer	Invoked Custom Function	Changed Type
1000 distinct, 1000 unique			
578923			
578920			
578917			
578914			
578911			
578908			
578905			
578902			



Example Table:

- Extract and separate all numbers and letters from the code column into different columns.

ABC 123 Code	ABC 123 Number	ABC 123 Character
• Valid 100%	• Valid 100%	• Valid 100%
• Error 0%	• Error 0%	• Error 0%
• Empty 0%	• Empty 0%	• Empty 0%
1 A12ER789	12789 AER	
2 123WER4589	1234589 WER	
3 EDRTYGH79	79 EDRTYGH	
4 1258569875W	1258569875 W	
5 KIH785UIO	785 KIHUIO	
6 TGF7987654	987654 TGF	
7 QAWSERTY45	45 QAWSERTY	
8 12547EDRF75896	1254775896 EDRF	
9 54WEDEFBHJ58	5458 WEDFBHJ	
10 Q7W8E9R5R42	789542 QWERRT	

Been Segregated using Column From Examples.

Initial Database Column:

- Generate a new column for the account number from the initial database column.
- Merge the first name and last name columns into a single column.

ABC 123 Initial Database	ABC 123 Number	Account Number
• Valid 100%	• Valid 100%	
• Error 0%	• Error 0%	
• Empty 0%	• Empty 0%	
200684165 MQPML ATF MQ SPECIAL EVENTS FD Internal \$10,065.49 CR	200684165	
201853058 MBL-MGI REPS TXN A/C Internal \$0.00 CR	201853058	
202352225 MINE 2002 - TRUST A/C Internal \$117,927.20 CR	202352225	
202649638 TXN - RFX NOV 06 Internal \$1,558.09 CR	202649638	
206423089 ALMONDS 2007 - TXN A/C Internal \$6,940.06 CR	206423089	
208743393 MAC EQUINOX - TRUST ACCOUNT Internal \$88.00 CR	208743393	
211924246 TIMBER LAND TRUST 2007 Internal \$43,617.12 CR	211924246	
212169635 MINE 2003 - TXN A/C Internal \$0.00 CR	212169635	
213477359 TRUST - RFX COMMODITY Internal \$565,936.93 CR	213477359	
214177453 FORESTRY 2008 - LAND S1017E Internal \$0.00 CR	214177453	
214422560 TXN - CIR MAR 08 Internal \$3,000.00 CR	214422560	
214430316 MQ MAC EQ ASIA 2 Internal \$96.96 CR	214430316	
216335778 MFPML ATF RGV SOPH INV TRUST Internal \$25,931.81 DR	216335778	
221114481 MDAF - TXN A/C Internal \$47,366.62 CR	221114481	

Fetching the number using column from example

ABC 123 First	ABC 123 Middle	ABC 123 Last	ABC 123 Joined Names
• Valid 100%	• Valid 15%	• Valid 9%	• Valid 100%
• Error 0%	• Error 0%	• Error 0%	• Error 0%
• Empty 0%	• Empty 85%	• Empty 9%	• Empty 0%

• Empty 0% • Empty 85% • Empty 0%

Saili		null Jain
Vikas		null Sharma
Vijay		null Kapoor
Arjun		null Singh
Manoj		null Kumar
Vaibhav		null Sharma
Gunjan		null Singh
Manju		null Agarwal
Yash		null Pal
Sahil		null Singh
Deepali		null Srivastava
Rakhi		null Rakhi
Deepak	Chandra	Fulara
Kavita		null Rawat
Aakash		null Nagpal
Ranit		null Chowdhury
Priya		null Shaw
Priya		null Shaw

Date Format:

- Generate a new column for the date in the format "Thu 1 Feb 2024".

Add Column From Examples

Enter sample values to create a new column (Ctrl+Enter to apply).

Transform: Text.Combine({Date.ToString([Order Date], "ddd"), " ", Date.ToString([Order Date], "%d"), " ", Date.ToString([Order Date], "MMM"), " ", Date.ToString([Order Date], "yyyy")})

	Order Date
1	08-11-2016
2	12-06-2016
3	11-10-2015
4	09-06-2014
5	15-04-2017
6	05-12-2016
7	22-11-2015
8	11-11-2014
9	13-05-2014
10	27-08-2014
11	09-12-2016
12	16-07-2017
13	25-09-2015
14	16-01-2016

Date Format

- Tue 8 Nov 2016
- Sun 12 Jun 2016
- Sun 11 Oct 2015
- Mon 9 Jun 2014
- Sat 15 Apr 2017
- Mon 5 Dec 2016
- Sun 22 Nov 2015
- Tue 11 Nov 2014
- Tue 13 May 2014
- Wed 27 Aug 2014
- Fri 9 Dec 2016
- Sun 16 Jul 2017
- Fri 25 Sep 2015
- Sat 16 Jan 2016

Format	Description	31/12/2023	01/02/2003
%d	Single Digit Day (1-31)	31	1
dd	Double Digit Day (01-31)	31	01
ddd	Short Weekday Name	Sun	Sat
dddd	Full Weekday Name	Sunday	Saturday
%M	Single Digit Month (1-12)	12	2
MM	Double Digit Month (01-12)	12	02
MMM	Short Month Name	Dec	Feb
MMMM	Full Month Name	December	February
%y	Year (0-99)	23	3
yy	Year (00-99)	23	03
yyy	Year with at least three digits	2023	2003
YYYY	Four-Digit Year	2023	2003
yyyy	Five-Digit Year	02023	02003
m, M	Day followed by Full Month Name	31 December	1 February
y, Y	Standard Long Date	December 2023	February 2003
d	Standard Short Date	31/12/2023	01/02/2003
D	Full Long Date	31 December 2023	01 February 2003
%g, gg	The Period of an Era	A.D.	A.D.

