

# Homework ID Card Parser

คอลัมน์แรก ID

Customer Information	ID	Gender	Firstname
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	=ArrayFormula(REGEXEXTRACT(A4:A8, "[0-9]{4}-[0-9]{5}-[0-9]{2}-[0-9]{1}"))		
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	3-5522-87666-87-2	Miss.	Carry
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	1-2222-03874-23-6	Mr.	Kevin
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	1-1078-00555-99-1	Mr.	Stuart
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	1-1078-00555-99-1	Miss.	Anya

คอลัมน์สอง Gender

Customer Information	Gender	Firstname	Lastname	DOB
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	=ArrayFormula(REGEXEXTRACT(A4:A8, "M[a-z]+\."))			
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	Miss.	Carry	Anna	18 Jan 1995
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	Mr.	Kevin	Demio	14 Feb 1992
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	Mr.	Stuart	Lonely	20 Sep 1982
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	Miss.	Anya	Tayloy	05 May 1985

## คอลัมน์นาม First Name

Customer Information	Gender	Firstname	Lastname	DOB
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	Mr.	=ArrayFormula(REGEXEXTRACT(A4:A8, "M[a-z]+\."))		
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	Miss.	Carry	Anna	18 Jan 1995
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	Mr.	Kevin	Demio	14 Feb 1992
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	Mr.	Stuart	Lonely	20 Sep 1982
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	Miss.	Anya	Tayloy	05 May 1985

## Last Name

Customer Information	Gender	Firstname	Lastname	DOB
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	Mr.	John	<code>=ArrayFormula(REGEXEXTRACT(A4:A8, "M[a-z]+\.[A-Z][a-z]+ ([A-Z][a-z]+)"))</code>	
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	Miss.	Carry	Anna	18 Jan 1995
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	Mr.	Kevin	Demio	14 Feb 1992
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	Mr.	Stuart	Lonely	20 Sep 1982
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	Miss.	Anya	Tayloy	05 May 1985

## DOB

Customer Information	DOB	Age	Address
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	<code>=ArrayFormula(REGEXEXTRACT(A4:A8, "Date of Birth ([0-9]{2} [A-Z][a-z]{2} [0-9]{4})"))</code>		
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	18 Jan 1995	28	967 Tokyo Japan
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	14 Feb 1992	31	7878 Washington United
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	20 Sep 1982	41	554 Seoul Korea
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	05 May 1985	38	998 London United

## Age

Customer Information	DOB	Age	Address
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	20 Sep 1988	<div><div>?</div><div>=ArrayFormula(DATEDIF(F4:F8,TODAY(),"Y"))</div><div>+ Add new function Cmd + Opt + N ⋮ ⊗</div></div>	
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	18 Jan 1995	28	967 Tokyo Japan
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	14 Feb 1992	31	7878 Washington United
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	20 Sep 1982	41	554 Seoul Korea
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	05 May 1985	38	998 London United

## Address

Customer Information	Age	Address	Zipcode
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	35	<div><div>?</div><div>=ArrayFormula(REGEXEXTRACT(A4:A8,"Address ([0-9]+ [A-Za-z]+ [A-Za-z]+)"))</div></div>	
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	28	967 Tokyo Japan	10880
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	31	7878 Washington United	11155
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	41	554 Seoul Korea	89237
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	38	998 London United	55387

## Zipcode

Customer Information	Zipcode	Expired Date	Expired This Year
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	=ArrayFormula(TRIM(REGEXEXTRACT(A4:A8, " \d{5}")))		
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	10880	25 Apr 2025	No
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	11155	31 Oct 2020	No
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	89237	31 Mar 2024	No
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	55387	15 Nov 2025	No

## Expired Data

Customer Information	Zipcode	Expired Date	Expired This Year
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	10560	=ArrayFormula(REGEXEXTRACT(A4:A8, "Expired Date ([0-9]{2} [A-Z][a-z]{2} [0-9]{4})"))	
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	10880	25 Apr 2025	No
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	11155	31 Oct 2020	No
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	89237	31 Mar 2024	No
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	55387	15 Nov 2025	No

## Expired This year

Customer Information	Zipcode	Expired Date	Expired This Year	
ID 1-1078-00555-99-1 Mr. John David Date of Birth 20 Sep 1988 Address 67 Bangkok Thailand 10560 Expired Date 31 Dec 2023	10560	31 Dec 2023	<div> <div>?</div> <div>=ArrayFormula(IF(RIGHT(A4:A8, 4) = "2023", "True", "No"))</div> </div>	
ID 3-5522-87666-87-2 Miss. Carry Anna Date of Birth 18 Jan 1995 Address 967 Tokyo Japan 10880 Expired Date 25 Apr 2025	10880	25 Apr 2025	No	
ID 1-2222-03874-23-6 Mr. Kevin Demio Date of Birth 14 Feb 1992 Address 7878 Washington United States 11155 Expired Date 31 Oct 2020	11155	31 Oct 2020	No	
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2024	89237	31 Mar 2024	No	
ID 1-1078-00555-99-1 Miss. Anya Tayloy Date of Birth 05 May 1985 Address 998 London United Kingdom 55387 Expired Date 15 Nov 2025	55387	15 Nov 2025	No	