Project – ID Card Parser

Customer Information	ID	Gender	Firstname	Lastname	DOB	Age	Address	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 2020	1-1078-00555-99-1	M	John	David	20 Sep 1988	34	67 Bangkok Thailand	10560	31 Dec 2020	TRUE
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	F	Carry	Anna	18 Jan 1995	28	967 Tokyo Japan	10880	25 Apr 2025	FALSE
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	M	Kevin	Demio	14 Feb 1992	31	7878 Washington United States	11155	31 Oct 2020	TRUE
ID 1-1078-00555-99-1 Mr. Stuart Lonely Date of Birth 20 Sep 1982 Address 554 Seoul Korea 89237 Expired Date 31 Mar 2021	1-1078-00555-99-1	M	Stuart	Lonely	20 Sep 1982	40	554 Seoul Korea	89237	31 Mar 2021	TRUE
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 2022	1-1078-00555-99-1	F	Anya	Tayloy	05 May 1985	37	998 London United Kingdom	55387	15 Nov 2022	TRUE

Solutions

ID	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, "[\D\-]+"))
Gender	=ARRAYFORMULA(IF(REGEXEXTRACT(A4:A8, "M[A-Z]+\.")="MR.", "M", "F"))
Firstname	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, "M[A-Z]+\. (A-ZA-Z]+)"))
Lastname	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, "M[A-Z]+\. [A-Z]+ ([A-Z]+)"))
DOB	=ARRAYFORMULA(REGEXEXTRACT(A4:A8,"DATE OF BIRTH ([\D]{2} [A-Z]{3} [\D]{4})"))
Age	=ARRAYFORMULA(DATEDIF(F4:F8, TODAY(), "Y"))
Address	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, "ADDRESS ([0-9]+ [A-Z]+)"))
Zipcode	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, " [\D]{5}"))
Expired Date	=ARRAYFORMULA(REGEXEXTRACT(A4:A8, "EXPIRED DATE ([\D]{2} [A-Z]{3} [\D]{4})"))
Expired This Year	=ARRAYFORMULA(YEAR(J4:J8)<=YEAR(TODAY()))