1.Filter and Sort

Female ▼	Good ▼	☑		

=SORT(FILTER(EMPLOYEE, ((SALARY>30000) + (GENDER=K2)) * (PERFORMANCE=L2)), 5, M2)

ssn	lastname	firstname	hiredate	salary	gender	performance
111-12-1111	Johnson	James	5/3/1996	$47,500	Female	Good
109-87-6544	Foster	Harold	8/14/2005	$55,000	Male	Good
432-19-8765	Bronson	Paul	11/20/2003	$58,000	Male	Good
333-43-4444	Smith	Frank	1/29/1991	$65,000	Male	Good
335-55-5533	Jones	Holly	4/8/1986	$65,000	Female	Good
444-45-4444	Frank	Vernon	4/10/1985	$75,000	Male	Good
612-99-1111	Roberts	Melissa	5/14/1984	$79,000	Female	Good
123-45-6789	Coulter	Tracy	2/14/1993	$100,000		Good
500-50-0505	Rodriguez	Jose	7/16/1998	$150,000	Male	Good
925-45-7116	Whitehead	David	7/25/1980	$175,000	Male	Good

2.Row Conditional Formatting

3.Dynamic Query

To Do						
Create **drop down list** to filter our table						
Good ▼	Male ▼	>=50000 ▼				
=QUERY(EMPLOYEES, "select * where G= '"&I6&"' and F= '"&J6&"' and (E"&K6&") ")						
ssn	lastname	firstname	hiredate	salary	gender	performance
109-87-6544	Foster	Harold	8/14/2005	$55,000	Male	Good
333-43-4444	Smith	Frank	1/29/1991	$65,000	Male	Good
432-19-8765	Bronson	Paul	11/20/2003	$58,000	Male	Good
444-45-4444	Frank	Vernon	4/10/1985	$75,000	Male	Good
500-50-0505	Rodriguez	Jose	7/16/1998	$150,000	Male	Good
925-45-7116	Whitehead	David	7/25/1980	$175,000	Male	Good

4.Convert TH to EN Date

TH Date	Day	Month	Year	EN Date
12 ธ.ค. 2563	12	12	2563	12 Dec 2020
25 พ.ย. 2561	25	12	2561	25 Nov 2018
09 ก.ย. 2562	09	12	2562	09 Sep 2019
07 ม.ค. 2560	07	12	2560	07 Jan 2017
15 เม.ย. 2563	15	12	2563	15 Apr 2020
06 มิ.ย. 2563	06	12	2563	06 Jun 2020

Day	=LEFT(D4,2)
Month	=MONTH(I4)
Year	=ArrayFormula(RIGHT($D$4:$D$9,4))
EN DATE	=GOOGLETRANSLATE(TEXT(D4,"mmm"),"th","en")

5.Regular Expression

ดึงค่าจากบัตรประชาชน ID Card Parser

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 2023	1-1078-00555-99-1	Mr.	John	David	20 Sep 1988	35	67 Bangkok Thailand	10560	31 Dec 2023	2023
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	Anna	18 Jan 1995	29	967 Tokyo Japan	10880	25 Apr 2025	2025
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	Demio	14 Feb 1992	31	7878 Washington United States	11155	31 Oct 2020	2020
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	Lonely	20 Sep 1982	41	554 Seoul Korea	89237	31 Mar 2024	2024
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	Tayloy	05 May 1985	38	998 London United Kingdom	55387	15 Nov 2025	2025

ID	=REGEXEXTRACT(A4,"\d-\d{4}-\d{5}-\d{2}-\d")
Gender	=REGEXEXTRACT(A4,"M[a-z]+\.")
Firstname	=REGEXEXTRACT(A4,"M[a-z]+\. ([A-Za-z]+) [A-Za-z]+")
Lastname	=REGEXEXTRACT(A4,"M[a-z]+\. [A-Za-z]+ ([A-Za-z]+)")
DOB	=REGEXEXTRACT(A4,"Date of Birth (\d{2} [A-Za-z]+ \d{4})")
Age	=DATEDIF(F5,TODAY(),"Y")
Address	=REGEXEXTRACT(A6,"Address (\d+ [A-Za-z]+)")
Zipcode	=TRIM(REGEXEXTRACT(A6," \d{5}"))
Expired Date	=REGEXEXTRACT(A6,"Expired Date (\d{2} [A-Za-z]+ \d{4})")
Expired This Year	=RIGHT(J6,4)

6.Name Function

สร้างฟังก์ชันเปลี่ยน Celsius เป็น Fahrenhiet

Celcius	Fahrenheit
0	32
25	77
40	104
100	212

celsius ✕

Formula definition ⓘ

The formula used to define the named function, using the (optional) argument placeholders shown above

```
=(celsius * (9/5))+32
```