EXCEL FILTER FUNCTION
CHEAT SHEET

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Step-by-step tutorial here: https://bit.ly/filterfunc

Syntax: FILTER(array, include, [if_empty])

☐ → ✓ Single Criteria

=FILTER(B10:F15, E10:E15="Won", "No Wins")

	B	C	D	E	F	G
9	Date	Opponent	Score	Result	Competition	
10	9/30/23	Crystal Palace	0-1	Lost	English Premier League	
11	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup	
12	9/24/23	Burnley	1-0	Won	English Premier League	
13	9/21/23	Bayern Munich	3-4	Lost	UEFA Champions League	
14	9/16/23	Brighton & Hove Albion	1-3	Lost	English Premier League	
15	9/3/23	Arsenal	1-3	Lost	English Premier League	
16						
17	Date	Opponent	Score	Result	Competition	
18	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup	
19	9/24/23	Burnley	1-0	Won	English Premier League	

Returns a range filtered on **criteria you define**.

Returns a range filtered on multiple criteria when **all criteria are met**.

☐ * ☐ AND Criteria

Multiple criteria for the AND condition are defined using the * symbol

=FILTER(B10:F15,(E10:E15="Won")*(C10:C15="Burnley"),"No Wins")

	B	C	D	E	F	G
9	Date	Opponent	Score	Result	Competition	
10	9/30/23	Crystal Palace	0-1	Lost	English Premier League	
11	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup	
12	9/24/23	Burnley	1-0	Won	English Premier League	
13	9/21/23	Bayern Munich	3-4	Lost	UEFA Champions League	
14	9/16/23	Brighton & Hove Albion	1-3	Lost	English Premier League	
15	9/3/23	Arsenal	1-3	Lost	English Premier League	
16						
17	Date	Opponent	Score	Result	Competition	
18	9/24/23	Burnley	1-0	Won	English Premier League	

☐ + ☐ OR Criteria

Multiple criteria for the OR condition are defined using the + symbol

=FILTER(B10:F15,(C10:C15="Burnley")+(C10:C15="Arsenal"))

	B	C	D	E	F	G
9	Date	Opponent	Score	Result	Competition	
10	9/30/23	Crystal Palace	0-1	Lost	English Premier League	
11	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup	
12	9/24/23	Burnley	1-0	Won	English Premier League	
13	9/21/23	Bayern Munich	3-4	Lost	UEFA Champions League	
14	9/16/23	Brighton & Hove Albion	1-3	Lost	English Premier League	
15	9/3/23	Arsenal	1-3	Lost	English Premier League	
16						
17	Date	Opponent	Score	Result	Competition	
18	9/24/23	Burnley	1-0	Won	English Premier League	
19	9/3/23	Arsenal	1-3	Lost	English Premier League	

Returns a range filtered on multiple criteria when **one or more criteria** are met.

▦ Non-contiguous Columns

Return selected columns in the order defined by the CHOOSE function with dynamic criteria selection.

=FILTER(CHOOSE({1,2},C11:C16,E11:E16),F11:F16=C18)

	B	C	D	E	F
10	Date	Opponent	Score	Result	Competition
11	9/30/23	Crystal Palace	0-1	Lost	English Premier League
12	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup
13	9/24/23	Burnley	1-0	Won	English Premier League
14	9/21/23	Bayern Munich	3-4	Lost	UEFA Champions League
15	9/16/23	Brighton & Hove Albion	1-3	Lost	English Premier League
16	9/3/23	Arsenal	1-3	Lost	English Premier League
17					
18	Competition	English Premier League			
19					
20	Opponent	Result			
21	Crystal Palace	Lost			
22	Burnley	Won			
23	Brighton & Hove Albion	Lost			
24	Arsenal	Lost			

Returns a range filtered from a **non-contiguous array**, with criteria defined through Data Validation.

Can also be done with HSTACK:
=FILTER(HSTACK(C11:C16,E11:E16),F11:F16=C18)

✖ Multiple if_empty Criteria

Multiple values for the "No Match" scenario can be defined by wrapping the [if_empty] argument in {}

Returns specified values for a range filtered **when no criterion is met**.

=FILTER(B10:F15,(E10:E15="Won")*(C10:C15="Arsenal"),{"NA","Arsenal","NA","No Wins","NA"})

	B	C	D	E	F	G	H	I	J
9	Date	Opponent	Score	Result	Competition				
10	9/30/23	Crystal Palace	0-1	Lost	English Premier League				
11	9/27/23	Crystal Palace	3-0	Won	English Carabao Cup				
12	9/24/23	Burnley	1-0	Won	English Premier League				
13	9/21/23	Bayern Munich	3-4	Lost	UEFA Champions League				
14	9/16/23	Brighton & Hove Albion	1-3	Lost	English Premier League				
15	9/3/23	Arsenal	1-3	Lost	English Premier League				
16									
17	Date	Opponent	Score	Result	Competition				
18	NA	Arsenal	NA	No Wins	NA				

FILTER FUNCTION +HACKS

GET MORE TIPS+STEP-BY-STEP VIDEO

https://bit.ly/filterfunc