Querying and Summarizing Data

ssn	lastname	firstname	hiredate	salary	gender	performance
000-01-0000	Milgrom	Patricia	10/1/2004	$57,500	Female	Average
000-02-2222	Adams	Sandy	1/15/2001	$19,500	Female	Excellent
109-87-6543	Wood	Emily	3/12/1997	$69,000	Female	Excellent
109-87-6544	Foster	Harold	8/14/2005	$55,000	Male	Good
111-12-1111	Johnson	James	5/3/1996	$47,500	Female	Good
123-45-6789	Coulter	Tracy	2/14/1993	$100,000		Good
222-23-2222	Marlin	Bill	3/28/1977	$125,000	Male	
222-52-5555	Smith	Mary	1/1/2006	$42,500	Female	Average
245-67-8910	Johanson	Sandy	6/2/2005	$69,000	Female	
333-34-3333	Manin	Emily	12/1/2000	$49,500	Female	Average
333-43-4444	Smith	Frank	1/29/1991	$65,000	Male	Good
333-66-1234	Brown	Marietta	3/7/2001	$18,500	Female	Excellent
335-55-5533	Jones	Holly	4/8/1986	$65,000	Female	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
464-64-4466	Webster	David	1/29/1991	$58,500	Male	Excellent
500-50-0505	Rodriguez	Jose	7/16/1998	$150,000	Male	Good
555-22-3333	Rubin	Patricia	7/25/2003	$45,000	Female	Average
555-56-5555	Charles	Kenneth	6/18/1998	$40,000	Male	Excellent
612-99-1111	Roberts	Melissa	5/14/1984	$79,000	Female	Good
625-62-6262	Holmes	Holly	6/15/1992	$55,000	Female	Average
767-74-7373	Martin	William	8/26/2006	$23,000	Male	Good
776-67-6666	Adamson	David	10/4/2002	$52,000	Male	Excellent
777-78-7777	Marder	Kelly	9/25/1997	$38,500	Female	Average
925-45-7116	Whitehead	David	7/25/1980	$175,000	Male	Good

firstname	bonus
Patricia	62500
Sandy	24500
Emily	74000
Harold	60000
James	52500

=QUERY('09 - Query and Summarize Data'!EMPLOYEES,"select C,E+5000 limit 5 label E+5000 'bonus' ")

firstname	salary
Emily	$69,000
David	$58,500
David	$52,000
Kenneth	$40,000
Sandy	$19,500

=QUERY('09 - Query and Summarize Data'!EMPLOYEES,"select C, E where G = 'Excellent' order by E DESC limit 5")

Dynamic Query

Performance	Gender	Sort by (Asc: Ascending ,Desc: Descending)
Excellent	Male	Desc

=QUERY(EMPLOYEES,"select * where G = '" & H8 &"' and F ='" &I8&"' order by E "& J8)

ssn	lastname	firstname	hiredate	salary	gender	performance
464-64-4466	Webster	David	1/29/1991	$58,500	Male	Excellent
776-67-6666	Adamson	David	10/4/2002	$52,000	Male	Excellent
555-56-5555	Charles	Kenneth	6/18/1998	$40,000	Male	Excellent

2 Checkbox method

☐ **Salary sort by Ascending**

=QUERY(A3:G28,"select * where G = '"&H8&"'and F = '"&I8&"' order by E " & if(P8,"Asc","Desc"))

ssn	lastname	firstname	hiredate	salary	gender	performance
464-64-4466	Webster	David	1/29/1991	$58,500	Male	Excellent
776-67-6666	Adamson	David	10/4/2002	$52,000	Male	Excellent
555-56-5555	Charles	Kenneth	6/18/1998	$40,000	Male	Excellent