Querying and Summarizing Data

ssn	lastname	firstname	hiredate	salary	gender	performance
000-01-0000	Milgrom	Patricia	10/1/2004	$57,500	F	Average
000-02-2222	Adams	Sandy	1/15/2001	$19,500	F	Average
109-87-6543	Wood	Emily	3/12/1997	$69,000	F	Average
109-87-6544	Foster	Harold	8/14/2005	$55,000	M	Good
111-12-1111	Johnson	James	5/3/1996	$47,500	M	Good
123-45-6789	Coulter	Tracy	2/14/1993	$100,000	M	Good
222-23-2222	Marlin	Bill	3/28/1977	$125,000	M	
222-52-5555	Smith	Mary	1/1/2006	$42,500	F	Average
245-67-8910	Johanson	Sandy	6/2/2005	$69,000	F	Average
333-34-3333	Manin	Emily	12/1/2000	$49,500	F	Good
333-43-4444	Smith	Frank	1/29/1991	$65,000	M	Poor
333-66-1234	Brown	Marietta	3/7/2001	$18,500	F	Good
335-55-5533	Jones	Holly	4/8/1986	$65,000	F	Good
432-19-8765	Bronson	Paul	11/20/2003	$58,000	M	Good
444-45-4444	Frank	Vernon	4/10/1985	$75,000	M	Good
464-64-4466	Webster	David	1/29/1991	$58,500	M	Poor
500-50-0505	Rodriguez	Jose	7/16/1998	$150,000	M	Good
555-22-3333	Rubin	Patricia	7/25/2003	$45,000	F	Average
555-56-5555	Charles	Kenneth	6/18/1998	$40,000	M	Poor
612-99-1111	Roberts	Melissa	5/14/1984	$79,000	F	Good
625-62-6262	Holmes	Holly	6/15/1992	$55,000	F	Average
767-74-7373	Martin	William	8/26/2006	$23,000	M	Good
776-67-6666	Adamson	David	10/4/2002	$52,000	M	Poor
777-78-7777	Marder	Kelly	9/25/1997	$38,500	F	Average
925-45-7116	Whitehead	David	7/25/1980	$175,000	M	Good

=QUERY(EMP, "SELECT A, C, B, E, E*1.15 WHERE E > 100000 ORDER BY E DESC LABEL A 'ID', E*1.15 'New Salary'")

ID	firstname	lastname	salary	New Salary
925-45-7116	David	Whitehead	$175,000	201250
500-50-0505	Jose	Rodriguez	$150,000	172500
222-23-2222	Bill	Marlin	$125,000	143750

=QUERY(EMP, "SELECT G, SUM(E), AVG(E), COUNT(E) GROUP BY G FORMAT SUM(E) '#,##0', AVG(E) '#,##0.00'")

performance	sum salary	avg salary	count salary
	194,000	97,000.00	2
Average	376,500	47,062.50	8
Good	892,500	81,136.36	11
Poor	169,000	42,250.00	4

Performance	Good
Gender	F

=QUERY(EMP, "SELECT C, B, F, G, E WHERE G='" & B39 & "' AND F='" & B40 &"'")

firstname	lastname	gender	performance	salary
Holly	Jones	F	Good	$65,000
Melissa	Roberts	F	Good	$79,000