

Enriching Our Data with VLOOKUP							VLOOKUP	=ArrayFormula(VLOOKUP(H5:H29,POSITION,{2,3,4,5},FALSE))				VLOOKUP	=ArrayFormula(VLOOKUP(M5:M29,LOCATION,{2,3,4,5,6},FALSE))				
Employee																	
ssn	lastname	firstname	hiredate	salary	gender	performance	positionID	positiontitle	educationrequired	minsalary	maxsalary	locationID	locationcity	address	state	zipcode	officephone
000-01-0000	Milgrom	Patricia	10/1/2004	\$57,500	Female	Average	2	Manager	4 year degree	\$50,000	\$150,000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
000-02-2222	Adams	Sandy	1/15/2001	\$19,500	Female	Excellent	3	Trainee	2 year degree	\$18,000	\$25,000	1	Atlanta	450 Peachtree	GA	30316	(404)333-5555
109-87-6543	Wood	Emily	3/12/1997	\$69,000	Female	Excellent	2	Manager	4 year degree	\$50,000	\$150,000	5	New York City	1650 Washingto	NY	15648	(518)256-3100
109-87-6544	Foster	Harold	8/14/2005	\$55,000	Male	Good	1	Account Representative	4 year degree	\$25,000	\$75,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
111-12-1111	Johnson	James	5/3/1996	\$47,500	Female	Good	1	Account Representative	4 year degree	\$25,000	\$75,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
123-45-6789	Coulter	Tracy	2/14/1993	\$100,000		Good	2	Manager	4 year degree	\$50,000	\$150,000	1	Atlanta	450 Peachtree	GA	30316	(404)333-5555
222-23-2222	Marlin	Bill	3/28/1977	\$125,000	Male		2	Manager	4 year degree	\$50,000	\$150,000	4	Miami	210 Biscayne Bl	FL	33103	(305)787-9999
222-52-5555	Smith	Mary	1/1/2006	\$42,500	Female	Average	1	Account Representative	4 year degree	\$25,000	\$75,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
245-67-8910	Johanson	Sandy	6/2/2005	\$69,000	Female		1	Account Representative	4 year degree	\$25,000	\$75,000	6	Denver	312 Mount View	CO	54657	(205)607-5289
333-34-3333	Manin	Emily	12/1/2000	\$49,500	Female	Average	1	Account Representative	4 year degree	\$25,000	\$75,000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
333-43-4444	Smith	Frank	1/29/1991	\$65,000	Male	Good	1	Account Representative	4 year degree	\$25,000	\$75,000	1	Atlanta	450 Peachtree	GA	30316	(404)333-5555
333-66-1234	Brown	Marietta	3/7/2001	\$18,500	Female	Excellent	3	Trainee	2 year degree	\$18,000	\$25,000	1	Atlanta	450 Peachtree	GA	30316	(404)333-5555
335-55-5533	Jones	Holly	4/8/1986	\$65,000	Female	Good	2	Manager	4 year degree	\$50,000	\$150,000	5	New York City	1650 Washingto	NY	15648	(518)256-3100
432-19-8765	Bronson	Paul	11/20/2003	\$58,000	Male	Good	2	Manager	4 year degree	\$50,000	\$150,000	6	Denver	312 Mount View	CO	54657	(205)607-5289
444-45-4444	Frank	Vernon	4/10/1985	\$75,000	Male	Good	1	Account Representative	4 year degree	\$25,000	\$75,000	4	Miami	210 Biscayne Bl	FL	33103	(305)787-9999
464-64-4466	Webster	David	1/29/1991	\$58,500	Male	Excellent	2	Manager	4 year degree	\$50,000	\$150,000	7	Salt Lake City	316 S. State St	UT	84125	(801)459-6652
500-50-0505	Rodriguez	Jose	7/16/1998	\$150,000	Male	Good	4	Regional Manager	6 year degree	\$100,000	\$250,000	5	New York City	1650 Washingto	NY	15648	(518)256-3100
555-22-3333	Rubin	Patricia	7/25/2003	\$45,000	Female	Average	1	Account Representative	4 year degree	\$25,000	\$75,000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
555-56-5555	Charles	Kenneth	6/18/1998	\$40,000	Male	Excellent	1	Account Representative	4 year degree	\$25,000	\$75,000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
612-99-1111	Roberts	Melissa	5/14/1984	\$79,000	Female	Good	2	Manager	4 year degree	\$50,000	\$150,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
625-62-6262	Holmes	Holly	6/15/1992	\$55,000	Female	Average	2	Manager	4 year degree	\$50,000	\$150,000	4	Miami	210 Biscayne Bl	FL	33103	(305)787-9999
767-74-7373	Martin	William	8/26/2006	\$23,000	Male	Good	3	Trainee	2 year degree	\$18,000	\$25,000	5	New York City	1650 Washingto	NY	15648	(518)256-3100
776-67-6666	Adamson	David	10/4/2002	\$52,000	Male	Excellent	2	Manager	4 year degree	\$50,000	\$150,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
777-78-7777	Marder	Kelly	9/25/1997	\$38,500	Female	Average	1	Account Representative	4 year degree	\$25,000	\$75,000	3	Chicago	500 Loop Highv	IL	60620	(312)444-6666
925-45-7116	Whitehead	David	7/25/1980	\$175,000	Male	Good	4	Regional Manager	6 year degree	\$100,000	\$250,000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
Location																	
locationID	locationcity	address	state	zipcode	officephone												
1	Atlanta	450 Peachtree	GA	30316	(404)333-5555												
2	Boston	3 Commons Blv	MA	2190	(617)123-4444												
3	Chicago	500 Loop Highv	IL	60620	(312)444-6666												
4	Miami	210 Biscayne Bl	FL	33103	(305)787-9999												
5	New York City	1650 Washingto	NY	15648	(518)256-3100												
6	Denver	312 Mount View	CO	54657	(205)607-5289												
7	Salt Lake City	316 S. State St	UT	84125	(801)459-6652												
8	Los Angeles	1400 Main St	CA	94235	(705)639-0227												
Position																	
positionID	positiontitle	educationrequi	minsalary	maxsalary													
1	Account Repres	4 year degree	\$25,000.00	\$75,000.00													
2	Manager	4 year degree	\$50,000.00	\$150,000.00													
3	Trainee	2 year degree	\$18,000.00	\$25,000.00													
4	Regional Manag	6 year degree	\$100,000.00	\$250,000.00													