

Enriching Our Data with VLOOKUP

From the previous lesson, we moved the tables below to join with Employee table

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

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 Highw	IL		60620	(312)444-6666
4	Miami	210 Biscayne Bl	FL		33103	(305)787-9999
5	New York City	1650 Washingto	NY		15648	(516)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

Result

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	50000	150000	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	18000	25000	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	50000	150000	5	New York City	1650 Washington	NY	15648	(516)256-3100
109-87-6544	Foster	Harold		8/14/2005	\$55,000	Male	Good	1	Account Repres	4 year degree	25000	75000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
111-12-1111	Johnson	James		5/3/1996	\$47,500	Female	Good	1	Account Repres	4 year degree	25000	75000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
123-45-6789	Coulter	Tracy		2/14/1993	\$100,000		Good	2	Manager	4 year degree	50000	150000	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	50000	150000	4	Miami	210 Biscayne Bl	FL	33103	(305)787-9999
222-52-5555	Smith	Mary		1/1/2006	\$42,500	Female	Average	1	Account Repres	4 year degree	25000	75000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
245-67-8910	Johanson	Sandy		6/2/2005	\$69,000	Female		1	Account Repres	4 year degree	25000	75000	6	Denver	312 Mount View	CO	54657	(205)607-5289
333-34-3333	Manin	Emily		12/1/2000	\$49,500	Female	Average	1	Account Repres	4 year degree	25000	75000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
333-43-4444	Smith	Frank		1/29/1991	\$65,000	Male	Good	1	Account Repres	4 year degree	25000	75000	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	18000	25000	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	50000	150000	5	New York City	1650 Washington	NY	15648	(516)256-3100
432-19-8765	Bronson	Paul		11/20/2003	\$58,000	Male	Good	2	Manager	4 year degree	50000	150000	6	Denver	312 Mount View	CO	54657	(205)607-5289
444-45-4444	Frank	Vernon		4/10/1985	\$75,000	Male	Good	1	Account Repres	4 year degree	25000	75000	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	50000	150000	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 Manag	6 year degree	100000	250000	5	New York City	1650 Washington	NY	15648	(516)256-3100
555-22-3333	Rubin	Patricia		7/25/2003	\$45,000	Female	Average	1	Account Repres	4 year degree	25000	75000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
555-56-5555	Charles	Kenneth		6/18/1998	\$40,000	Male	Excellent	1	Account Repres	4 year degree	25000	75000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444
612-99-1111	Roberts	Meissa		5/14/1984	\$79,000	Female	Good	2	Manager	4 year degree	50000	150000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
625-62-6262	Holmes	Holly		6/15/1992	\$55,000	Female	Average	2	Manager	4 year degree	50000	150000	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	18000	25000	5	New York City	1650 Washington	NY	15648	(516)256-3100
776-67-6666	Adamson	David		10/4/2002	\$52,000	Male	Excellent	2	Manager	4 year degree	50000	150000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
777-78-7777	Marder	Kelly		9/25/1997	\$38,500	Female	Average	1	Account Repres	4 year degree	25000	75000	3	Chicago	500 Loop Highw	IL	60620	(312)444-6666
925-45-7116	Whitehead	David		7/25/1980	\$175,000	Male	Good	4	Regional Manag	6 year degree	100000	250000	2	Boston	3 Commons Blv	MA	2190	(617)123-4444