

# Un-normalized example of Monthly Sales Staff Customer Listing Report

Staff id	Sales Person	Sales Office	Office Manager	Office Phone	Cust 1 Name	Cust 1 City	Cust 1 Postal	Cust 2 Name	Cust 2 City	Cust 2 Postal	Cust 3 Name	Cust 3 City	Cust 3 Postal
102	Vicky Nasi	Sarnia	Brenn Soper	541-466-7937	MyWorks	Sarnia	N7S	Babbleset	London	N6A	Mudo	Toronto	M3B
105	Dawn Bestwick	London	Irwin Artz	717-340-4669	Yotz	Toronto	M3B	Bubblebox	Toronto	M3B	Latz	London	N6M
101	Elaine Iston	Toronto	Hill Miner	610-982-6636	Livetube	London	N6A	Flipbug	Sarnia	N7S	Meejo	Sarnia	N7T
108	Patrick Gooley	London	Irwin Artz	717-340-4669	Rhybox	Sarnia	N7T	Gigashots	Sarnia	N7T	Gabspot	Sarnia	N7S
106	Lynda McKeady	Toronto	Hill Miner	610-982-6636	Lazz	Toronto	M1B	Zoomdog	Toronto	M1B	Livepath	London	N6A
103	Gertrud Lainton	Sarnia	Brenn Soper	541-466-7937	Flashspan	London	N6A	Jaloo	London	N6M	Bridgeview	Sarnia	N7T
107	Nikolaos Velez	London	Irwin Artz	717-340-4669	Devcast	London	N6M	Edgeify	London	N6A	Fivebridge	Toronto	M1B
104	Jereme Willis	Toronto	Hill Miner	610-982-6636	Zoombeat	Toronto	M3B	Mybuzz	Toronto	M3B	Jazzy	London	N6M
110	Mort Cawdery	Sarnia	Brenn Soper	541-466-7937	Bluejam	Sarnia	N7S	Layo	Sarnia	N7T	Feedmix	London	N6A
111	Budd Shrimpling	Sarnia	Brenn Soper	541-466-7937	JumpXS	Sarnia	N7T	Zoomzone	Sarnia	N7S	Linktype	Toronto	M3B
112	Lory Placide	London	Irwin Artz	717-340-4669	Edgewire	Toronto	M1B	Snaptags	Toronto	M1B	Kare	Sarnia	N7S
109	Abner Chandler	Toronto	Hill Miner	610-982-6636	Yambee	London	N6M	Yodoo	London	N6A	Yata	Sarnia	N7S

1 NF:

SALES_STAFF							
staff_id	sales_person	sales_office	office_manager	office_phone	cust_name	cust_city	cust_postal
102	Vicky Nasi	Sarnia	Brenn Soper	541-466-7937	Babbleset	London	N6A
102	Vicky Nasi	Sarnia	Brenn Soper	541-466-7937	Mudo	Toronto	M3B
102	Vicky Nasi	Sarnia	Brenn Soper	541-466-7937	MyWorks	Sarnia	N7S
105	Dawn Bestwick	London	Irwin Artz	717-340-4669	Bubblebox	Toronto	M3B
105	Dawn Bestwick	London	Irwin Artz	717-340-4669	Latz	London	N6M

105	Dawn Bestwick	London	Irwin Artz	717-340-4669	Yotz	Toronto	M3B
101	Elaine Iston	Toronto	Hill Miner	610-982-6636	Flipbug	Sarnia	N7S
101	Elaine Iston	Toronto	Hill Miner	610-982-6636	Meejo	Sarnia	N7T
101	Elaine Iston	Toronto	Hill Miner	610-982-6636	Livetube	London	N6A
108	Patrick Gooley	London	Irwin Artz	717-340-4669	Gabspot	Sarnia	N7S
108	Patrick Gooley	London	Irwin Artz	717-340-4669	Gigashots	Sarnia	N7T
108	Patrick Gooley	London	Irwin Artz	717-340-4669	Rhybox	Sarnia	N7T
106	Lynda McKeady	Toronto	Hill Miner	610-982-6636	Livepath	London	N6A
106	Lynda McKeady	Toronto	Hill Miner	610-982-6636	Zoomdog	Toronto	M1B
106	Lynda McKeady	Toronto	Hill Miner	610-982-6636	Lazz	Toronto	M1B
103	Gertrud Lainton	Sarnia	Brenn Soper	541-466-7937	Jaloo	London	N6M
103	Gertrud Lainton	Sarnia	Brenn Soper	541-466-7937	Bridgeview	Sarnia	N7T
103	Gertrud Lainton	Sarnia	Brenn Soper	541-466-7937	Flashspan	London	N6A
107	Nikolaos Velez	London	Irwin Artz	717-340-4669	Edgeify	London	N6A
107	Nikolaos Velez	London	Irwin Artz	717-340-4669	Fivebridge	Toronto	M1B
107	Nikolaos Velez	London	Irwin Artz	717-340-4669	Devcast	London	N6M
104	Jereme Willis	Toronto	Hill Miner	610-982-6636	Mybuzz	Toronto	M3B
104	Jereme Willis	Toronto	Hill Miner	610-982-6636	Jazzy	London	N6M
104	Jereme Willis	Toronto	Hill Miner	610-982-6636	Zoombeat	Toronto	M3B
110	Mort Cawdery	Sarnia	Brenn Soper	541-466-7937	Layo	Sarnia	N7T
110	Mort Cawdery	Sarnia	Brenn Soper	541-466-7937	Feedmix	London	N6A
110	Mort Cawdery	Sarnia	Brenn Soper	541-466-7937	Bluejam	Sarnia	N7S
111	Budd Shrimpling	Sarnia	Brenn Soper	541-466-7937	Zoomzone	Sarnia	N7S
111	Budd Shrimpling	Sarnia	Brenn Soper	541-466-7937	Linktype	Toronto	M3B
111	Budd Shrimpling	Sarnia	Brenn Soper	541-466-7937	JumpXS	Sarnia	N7T
112	Lory Placide	London	Irwin Artz	717-340-4669	Snaptags	Toronto	M1B
112	Lory Placide	London	Irwin Artz	717-340-4669	Kare	Sarnia	N7S
112	Lory Placide	London	Irwin Artz	717-340-4669	Edgewire	Toronto	M1B
109	Abner Chandler	Toronto	Hill Miner	610-982-6636	Yodoo	London	N6A
109	Abner Chandler	Toronto	Hill Miner	610-982-6636	Yata	Sarnia	N7S
109	Abner Chandler	Toronto	Hill Miner	610-982-6636	Yambee	London	N6M

SALES\_STAFF(staff\_id, sales\_person, sales\_office, office\_manager, office\_phone, cust\_name, cust\_city, cust\_postal)

2NF:

STAFF				
<u>staff_id</u>	sales_person	sales_office	office_manager	office_phone
102	Vicky Nasi	Sarnia	Brenn Soper	541-466-7937
105	Dawn Bestwick	London	Irwin Artz	717-340-4669
101	Elaine Iston	Toronto	Hill Miner	610-982-6636
108	Patrick Gooley	London	Irwin Artz	717-340-4669
106	Lynda McKeady	Toronto	Hill Miner	610-982-6636
103	Gertrud Lainton	Sarnia	Brenn Soper	541-466-7937
107	Nikolaos Velez	London	Irwin Artz	717-340-4669
104	Jereme Willis	Toronto	Hill Miner	610-982-6636
110	Mort Cawdery	Sarnia	Brenn Soper	541-466-7937
111	Budd Shrimpling	Sarnia	Brenn Soper	541-466-7937
112	Lory Placide	London	Irwin Artz	717-340-4669
109	Abner Chandler	Toronto	Hill Miner	610-982-6636

CUSTOMER				
<u>cust_id</u>	cust_name	cust_city	cust_postal	staff_id
1	Babbleset	London	N6A	102
2	Mudo	Toronto	M3B	102
3	MyWorks	Sarnia	N7S	102
4	Bubblebox	Toronto	M3B	105

5	Latz	London	N6M	105
6	Yotz	Toronto	M3B	105
7	Flipbug	Sarnia	N7S	101
8	Meejo	Sarnia	N7T	101
9	Livetube	London	N6A	101
10	Gabspot	Sarnia	N7S	108
11	Gigashots	Sarnia	N7T	108
12	Rhybox	Sarnia	N7T	108
13	Livepath	London	N6A	106
14	Zoomdog	Toronto	M1B	106
15	Lazz	Toronto	M1B	106
16	Jaloo	London	N6M	103
17	Bridgeview	Sarnia	N7T	103
18	Flashspan	London	N6A	103
19	Edgeify	London	N6A	107
20	Fivebridge	Toronto	M1B	107
21	Devcast	London	N6M	107
22	Mybuzz	Toronto	M3B	104
23	Jazzy	London	N6M	104
24	Zoombeat	Toronto	M3B	104
25	Layo	Sarnia	N7T	110
26	Feedmix	London	N6A	110
27	Bluejam	Sarnia	N7S	110
28	Zoomzone	Sarnia	N7S	111
29	Linktype	Toronto	M3B	111
30	JumpXS	Sarnia	N7T	111
31	Snaptags	Toronto	M1B	112
32	Kare	Sarnia	N7S	112
33	Edgewire	Toronto	M1B	112
34	Yoodoo	London	N6A	109
35	Yata	Sarnia	N7S	109
36	Yambee	London	N6M	109

STAFF(staff\_id, sales\_person, sales\_office, office\_manager, office\_phone)  
CUSTOMER(cust\_id, cust\_name, cust\_city, cust\_postal)

3 NF:

STAFF		
<u>staff_id</u>	sales_person	<u>office_id</u>
102	Vicky Nasi	1001
105	Dawn Bestwick	1002
101	Elaine Iston	1003
108	Patrick Gooley	1002
106	Lynda McKeady	1003
103	Gertrud Lainton	1001
107	Nikolaos Velez	1002
104	Jereme Willis	1003
110	Mort Cawdery	1001
111	Budd Shrimpling	1001
112	Lory Placide	1002
109	Abner Chandler	1003

OFFICE			
<u>office_id</u>	<u>city_id</u>	office_manager	office_phone
1001	2001	Brenn Soper	541-466-7937
1002	2002	Irwin Artz	717-340-4669
1003	2003	Hill Miner	610-982-6636

CUSTOMER			
<u>cust_id</u>	cust_name	<u>cust_postal</u>	staff_id
1	Babbleset	N6A	102
2	Mudo	M3B	102
3	MyWorks	N7S	102
4	Bubblebox	M3B	105
5	Latz	N6M	105
6	Yotz	M3B	105
7	Flipbug	N7S	101
8	Meejo	N7T	101
9	Livetube	N6A	101
10	Gabspot	N7S	108
11	Gigashots	N7T	108
12	Rhybox	N7T	108
13	Livepath	N6A	106
14	Zoomdog	M1B	106
15	Lazz	M1B	106
16	Jaloo	N6M	103
17	Bridgeview	N7T	103
18	Flashspan	N6A	103

19	Edgeify	N6A	107
20	Fivebridge	M1B	107
21	Devcast	N6M	107
22	Mybuzz	M3B	104
23	Jazzy	N6M	104
24	Zoombeat	M3B	104
25	Layo	N7T	110
26	Feedmix	N6A	110
27	Bluejam	N7S	110
28	Zoomzone	N7S	111
29	Linktype	M3B	111
30	JumpXS	N7T	111
31	Snaptags	M1B	112
32	Kare	N7S	112
33	Edgewire	M1B	112
34	Yodoo	N6A	109
35	Yata	N7S	109
36	Yambee	N6M	109

CITY	
<u>city_id</u>	<u>city_name</u>
2001	Sarnia
2002	London
2003	Toronto

POSTAL	
<u>postal_id</u>	<u>city_id</u>
N6A	2002
M3B	2003
N7S	2001
M1B	2003
N6M	2002
N7T	2001