**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:**

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| **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:**

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| **STAFF** | | | | |
| **staff\_id** | 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** | | | | |
| **cust\_id** | 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 | Yodoo | 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:**

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| --- | --- | --- |
| **STAFF** | | |
| **staff\_id** | **sales\_person** | **office\_id** |
| 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** | | | |
| **office\_id** | **city\_id** | **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** | | | |
| **cust\_id** | **cust\_name** | **cust\_postal** | 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** | |
| **city\_id** | **city\_name** |
| 2001 | Sarnia |
| 2002 | London |
| 2003 | Toronto |

|  |  |
| --- | --- |
| **POSTAL** | |
| **postal\_id** | **city\_id** |
| N6A | 2002 |
| M3B | 2003 |
| N7S | 2001 |
| M1B | 2003 |
| N6M | 2002 |
| N7T | 2001 |