|  |  |
| --- | --- |
| Argentina | 3 |
| Austria | 2 |
| Belgium | 2 |
| Brazil | 9 |
| Canada | 3 |
| Denmark | 2 |
| Finland | 2 |
| France | 11 |
| Germany | 11 |
| Ireland | 1 |
| Italy | 3 |
| Mexico | 5 |
| Norway | 1 |
| Poland | 1 |
| Portugal | 2 |
| Spain | 5 |
| Sweden | 2 |
| Switzerland | 2 |
| UK | 7 |
| USA | 13 |
| Venezuela | 4 |
| Argentina | 3 |
| Austria | 2 |
| Belgium | 2 |
| Brazil | 9 |
| Canada | 3 |
| Denmark | 2 |
| Finland | 2 |
| France | 11 |
| Germany | 11 |
| Ireland | 1 |
| Italy | 3 |
| Mexico | 5 |
| Norway | 1 |
| Poland | 1 |
| Portugal | 2 |
| Spain | 5 |
| Sweden | 2 |
| Switzerland | 2 |
| UK | 7 |
| USA | 13 |
| Venezuela | 4 |

Test 1: Numbers of customers from different countries.

Test 2: Number of products in different Category

|  |  |
| --- | --- |
| Beverages | 12 |
| Condiments | 12 |
| Confections | 13 |
| Dairy Products | 10 |
| Grains/Cereals | 7 |
| Meat/Poultry | 6 |
| Produce | 5 |
| Seafood | 12 |

Test 3: Number of products supplied by each supplier

|  |  |
| --- | --- |
| Aux joyeux ecclésiastiques | 2 |
| Bigfoot Breweries | 3 |
| Cooperativa de Quesos 'Las Cabras' | 2 |
| Escargots Nouveaux | 1 |
| Exotic Liquids | 3 |
| Forêts d'érables | 2 |
| Formaggi Fortini s.r.l. | 3 |
| G'day, Mate | 3 |
| Gai pâturage | 2 |
| Grandma Kelly's Homestead | 3 |
| Heli Süßwaren GmbH & Co. KG | 3 |
| Karkki Oy | 3 |
| Leka Trading | 3 |
| Lyngbysild | 2 |
| Ma Maison | 2 |
| Mayumi's | 3 |
| New England Seafood Cannery | 2 |
| New Orleans Cajun Delights | 4 |
| Nord-Ost-Fisch Handelsgesellschaft mbH | 1 |
| Norske Meierier | 3 |
| Pasta Buttini s.r.l. | 2 |
| Pavlova, Ltd. | 5 |
| PB Knäckebröd AB | 2 |
| Plutzer Lebensmittelgroßmärkte AG | 5 |
| Refrescos Americanas LTDA | 1 |
| Specialty Biscuits, Ltd. | 4 |
| Svensk Sjöföda AB | 3 |
| Tokyo Traders | 3 |
| Zaanse Snoepfabriek | 2 |

Test 4: Products discontinued

|  |  |
| --- | --- |
| 5 | Chef Anton's Gumbo Mix |
| 9 | Mishi Kobe Niku |
| 17 | Alice Mutton |
| 24 | Guaraná Fantástica |
| 28 | Rössle Sauerkraut |
| 29 | Thüringer Rostbratwurst |
| 42 | Singaporean Hokkien Fried Mee |
| 53 | Perth Pasties |

Test 5: Number of Customers with different contact title.

|  |  |
| --- | --- |
| Accounting Manager | 10 |
| Assistant Sales Agent | 2 |
| Assistant Sales Representative | 1 |
| Marketing Assistant | 6 |
| Marketing Manager | 12 |
| Order Administrator | 2 |
| Owner | 17 |
| Owner/Marketing Assistant | 1 |
| Sales Agent | 5 |
| Sales Associate | 7 |
| Sales Manager | 11 |
| Sales Representative | 17 |

Test 6: Number of customers serviced by different employees

|  |  |
| --- | --- |
| Dr. Andrew Fuller | 59 |
| Mr. Michael Suyama | 43 |
| Mr. Robert King | 45 |
| Mr. Steven Buchanan | 29 |
| Mrs. Margaret Peacock | 74 |
| Ms. Anne Dodsworth | 29 |
| Ms. Janet Leverling | 63 |
| Ms. Laura Callahan | 56 |
| Ms. Nancy Davolio | 66 |

Test 7: Numbers of orders shipped by different shippers

Federal Shipping 256

Speedy Express 249

United Package 325

Test 8: Order amount by different customer (Value in cash)

|  |  |
| --- | --- |
| QUICK-Stop | 110277.30503039382 |
| Ernst Handel | 104874.97814367746 |
| Save-a-lot Markets | 104361.94954039395 |
| Rattlesnake Canyon Grocery | 51097.80082826822 |
| Hungry Owl All-Night Grocers | 49979.90508149549 |
| Hanari Carnes | 32841.369948457475 |
| Königlich Essen | 30908.383872538416 |
| Folk och fä HB | 29567.562490026656 |
| Mère Paillarde | 28872.19015611842 |
| White Clover Markets | 27693.604900210797 |
| Frankenversand | 26656.559403990017 |
| Queen Cozinha | 25717.497604973578 |
| Berglunds snabbköp | 24927.577430965972 |
| Suprêmes délices | 24088.780281318428 |
| Piccolo und mehr | 23128.86001497373 |
| HILARIÓN-Abastos | 22768.76392572349 |
| Bon app' | 21963.252461684533 |
| Bottom-Dollar Markets | 20801.59995229095 |
| Richter Supermarkt | 19343.778920320852 |
| Lehmanns Marktstand | 19261.409954871837 |
| Blondel père et fils | 18534.080079345105 |
| Great Lakes Food Market | 18507.44997092657 |
| Simons bistro | 16817.097612204925 |
| LINO-Delicateses | 16476.56491531938 |
| Seven Seas Imports | 16215.325044126435 |
| LILA-Supermercado | 16076.599920950532 |
| Vaffeljernet | 15843.924896007406 |
| Wartian Herkku | 15648.702585553974 |
| Old World Delicatessen | 15177.462503358722 |
| Eastern Connection | 14761.034930229187 |
| Around the Horn | 13390.649973928183 |
| Ottilies Käseladen | 12496.1999632217 |
| Ricardo Adocicados | 12450.800013110042 |
| Chop-suey Chinese | 12348.880053406656 |
| Folies gourmandes | 11666.900089263916 |
| Godos Cocina Típica | 11446.359954776763 |
| Split Rail Beer & Ale | 11441.630072270782 |
| Tortuga Restaurante | 10812.150033950806 |
| Maison Dewey | 9736.075006915928 |
| Die Wandernde Kuh | 9588.424962970987 |
| La maison d'Asie | 9328.200014907121 |
| Victuailles en stock | 9182.42987764746 |
| Gourmet Lanchonetes | 8414.134980559349 |
| Magazzini Alimentari Riuniti | 7176.214951009528 |
| Reggiani Caseifici | 7048.239968932271 |
| Antonio Moreno Taquería | 7023.977433340102 |
| Tradição Hipermercados | 6850.664033139407 |
| Que Delícia | 6664.809939688891 |
| Furia Bacalhau e Frutos do Mar | 6427.422501099259 |
| Island Trading | 6146.299984931946 |
| B's Beverages | 6089.899990081787 |
| Wellington Importadora | 6068.199970615655 |
| Santé Gourmet | 5735.1500153541565 |
| Princesa Isabel Vinhos | 5044.940011057854 |
| Morgenstern Gesundkost | 5042.200035095215 |
| Toms Spezialitäten | 4778.140057610572 |
| Lonesome Pine Restaurant | 4258.599994659424 |
| Pericles Comidas clásicas | 4242.200015068054 |
| Bólido Comidas preparadas | 4232.850018620491 |
| Familia Arquibaldo | 4107.5499232776465 |
| Wilman Kala | 3884.0874915122986 |
| Comércio Mineiro | 3810.749990463257 |
| Drachenblut Delikatessen | 3763.209972381592 |
| Wolski Zajazd | 3531.949995994568 |
| Océano Atlántico Ltda. | 3460.200008392334 |
| The Big Cheese | 3361.0000038146973 |
| Blauer See Delikatessen | 3239.799991607666 |
| France restauration | 3172.1600036621094 |
| Let's Stop N Shop | 3076.4724822382627 |
| Hungry Coyote Import Store | 3063.2000246047974 |
| Rancho grande | 2844.099998474121 |
| Spécialités du monde | 2423.3500022888184 |
| Trail's Head Gourmet Provisioners | 2416.9999892413616 |
| La corne d'abondance | 1992.0500106811523 |
| The Cracker Box | 1947.2399940490723 |
| Cactus Comidas para llevar | 1814.7999839782715 |
| Consolidated Holdings | 1719.099988937378 |
| Du monde entier | 1615.8999881744385 |
| Franchi S.p.A. | 1545.6999979019165 |
| Ana Trujillo Emparedados y helados | 1506.9499864578247 |
| GROSELLA-Restaurante | 1488.6999969482422 |
| Vins et alcools Chevalier | 1480.0000019073486 |
| Romero y tomillo | 1467.2900185585022 |
| Alfreds Futterkiste | 1404.6999962553382 |
| Galería del gastrónomo | 836.6999950408936 |
| North/South | 649 |
| Laughing Bacchus Wine Cellars | 522.4999923706055 |
| Lazy K Kountry Store | 356.99999809265137 |
| Centro comercial Moctezuma | 100.79999923706055 |
| Que Delícia | 6664.809939688891 |
| Furia Bacalhau e Frutos do Mar | 6427.422501099259 |
| Island Trading | 6146.299984931946 |
| B's Beverages | 6089.899990081787 |
| Wellington Importadora | 6068.199970615655 |
| Santé Gourmet | 5735.1500153541565 |
| Princesa Isabel Vinhos | 5044.940011057854 |
| Morgenstern Gesundkost | 5042.200035095215 |
| Toms Spezialitäten | 4778.140057610572 |
| Lonesome Pine Restaurant | 4258.599994659424 |
| Pericles Comidas clásicas | 4242.200015068054 |
| Bólido Comidas preparadas | 4232.850018620491 |
| Familia Arquibaldo | 4107.5499232776465 |
| Wilman Kala | 3884.0874915122986 |
| Comércio Mineiro | 3810.749990463257 |
| Drachenblut Delikatessen | 3763.209972381592 |
| Wolski Zajazd | 3531.949995994568 |
| Océano Atlántico Ltda. | 3460.200008392334 |
| The Big Cheese | 3361.0000038146973 |
| Blauer See Delikatessen | 3239.799991607666 |
| France restauration | 3172.1600036621094 |
| Let's Stop N Shop | 3076.4724822382627 |
| Hungry Coyote Import Store | 3063.2000246047974 |
| Rancho grande | 2844.099998474121 |
| Spécialités du monde | 2423.3500022888184 |
| Trail's Head Gourmet Provisioners | 2416.9999892413616 |
| La corne d'abondance | 1992.0500106811523 |
| The Cracker Box | 1947.2399940490723 |
| Cactus Comidas para llevar | 1814.7999839782715 |
| Consolidated Holdings | 1719.099988937378 |
| Du monde entier | 1615.8999881744385 |
| Franchi S.p.A. | 1545.6999979019165 |
| Ana Trujillo Emparedados y helados | 1506.9499864578247 |
| GROSELLA-Restaurante | 1488.6999969482422 |
| Vins et alcools Chevalier | 1480.0000019073486 |
| Romero y tomillo | 1467.2900185585022 |
| Alfreds Futterkiste | 1404.6999962553382 |
| Galería del gastrónomo | 836.6999950408936 |
| North/South | 649 |
| Laughing Bacchus Wine Cellars | 522.4999923706055 |
| Lazy K Kountry Store | 356.99999809265137 |
| Centro comercial Moctezuma | 100.79999923706055 |

Test 9: Revenue from products of different suppliers

|  |  |
| --- | --- |
| Aux joyeux ecclésiastiques | 153407.77550272012 |
| Plutzer Lebensmittelgroßmärkte AG | 144859.39968664318 |
| Gai pâturage | 117981.18020485657 |
| Pavlova, Ltd. | 105587.62605015766 |
| G'day, Mate | 65790.77016468375 |
| Forêts d'érables | 61587.56985267579 |
| Pasta Buttini s.r.l. | 50254.609883744415 |
| Formaggi Fortini s.r.l. | 48225.164374038046 |
| Specialty Biscuits, Ltd. | 46384.60524375469 |
| Norske Meierier | 43141.5101294113 |
| Leka Trading | 42017.64502122432 |
| Grandma Kelly's Homestead | 41953.299975756556 |
| Heli Süßwaren GmbH & Co. KG | 38653.419428995025 |
| Exotic Liquids | 32188.059824580847 |
| New Orleans Cajun Delights | 31504.252093380543 |
| Tokyo Traders | 30526.33982929647 |
| Karkki Oy | 28442.72738457512 |
| New England Seafood Cannery | 26590.974317125045 |
| Cooperativa de Quesos 'Las Cabras' | 25159.429822271763 |
| Bigfoot Breweries | 22391.19981049597 |
| Ma Maison | 22154.63772067912 |
| Svensk Sjöföda AB | 20144.05991634145 |
| Mayumi's | 14736.75505026741 |
| Nord-Ost-Fisch Handelsgesellschaft mbH | 13424.197395977713 |
| PB Knäckebröd AB | 11904.059940543175 |
| Lyngbysild | 10203.175045646654 |
| Escargots Nouveaux | 5881.6750394031405 |
| Zaanse Snoepfabriek | 5326.792467173636 |
| Refrescos Americanas LTDA | 4504.364968075454 |

Test 10: Number of products in different warehouse

The Airport warehouse 33

The Central warehouse 27

The Dockside warehouse 17

Total 77

Test 11: Revenue from different product category

|  |  |
| --- | --- |
| Beverages | 267524.67978624784 |
| Dairy Products | 234507.28453057766 |
| Confections | 167497.8504733858 |
| Meat/Poultry | 163186.36026492403 |
| Seafood | 131243.73655584897 |
| Condiments | 105571.19708733015 |
| Grains/Cereals | 95924.5873554382 |

Test 12: Number of orders processed by each employee

Mrs. Margaret Peacock 156

Ms. Janet Leverling 127

Ms. Nancy Davolio 123

Ms. Laura Callahan 104

Dr. Andrew Fuller 96

Mr. Robert King 72

Mr. Michael Suyama 67

Ms. Anne Dodsworth 43

Mr. Steven Buchanan 42

Test 13: Number of orders processed by each employee that was shipped via different shippers

|  |  |  |
| --- | --- | --- |
| Federal Shipping | Ms. Janet Leverling | 46 |
| Federal Shipping | Mrs. Margaret Peacock | 41 |
| Federal Shipping | Ms. Nancy Davolio | 41 |
| Federal Shipping | Ms. Laura Callahan | 29 |
| Federal Shipping | Mr. Robert King | 28 |
| Federal Shipping | Dr. Andrew Fuller | 25 |
| Federal Shipping | Mr. Michael Suyama | 19 |
| Federal Shipping | Ms. Anne Dodsworth | 14 |
| Federal Shipping | Mr. Steven Buchanan | 13 |
| Speedy Express | Mrs. Margaret Peacock | 46 |
| Speedy Express | Ms. Nancy Davolio | 38 |
| Speedy Express | Ms. Janet Leverling | 36 |
| Speedy Express | Dr. Andrew Fuller | 35 |
| Speedy Express | Ms. Laura Callahan | 27 |
| Speedy Express | Mr. Michael Suyama | 23 |
| Speedy Express | Mr. Robert King | 20 |
| Speedy Express | Mr. Steven Buchanan | 14 |
| Speedy Express | Ms. Anne Dodsworth | 10 |
| United Package | Mrs. Margaret Peacock | 69 |
| United Package | Ms. Laura Callahan | 48 |
| United Package | Ms. Janet Leverling | 45 |
| United Package | Ms. Nancy Davolio | 44 |
| United Package | Dr. Andrew Fuller | 36 |
| United Package | Mr. Michael Suyama | 25 |
| United Package | Mr. Robert King | 24 |
| United Package | Ms. Anne Dodsworth | 19 |
| United Package | Mr. Steven Buchanan | 15 |

Test 14: Numbers of orders from different country

|  |  |
| --- | --- |
| USA | 124 |
| Germany | 118 |
| Brazil | 83 |
| France | 77 |
| UK | 56 |
| Venezuela | 46 |
| Austria | 40 |
| Sweden | 37 |
| Canada | 30 |
| Mexico | 28 |
| Italy | 28 |
| Finland | 24 |
| Spain | 23 |
| Belgium | 19 |
| Ireland | 19 |
| Denmark | 18 |
| Switzerland | 18 |
| Argentina | 16 |
| Portugal | 13 |
| Poland | 7 |
| Norway | 6 |

Test 15: List of products shipped to Canada from different supplier via "United Package"

|  |  |  |  |
| --- | --- | --- | --- |
| Canada | Alice Mutton | United Package | Pavlova, Ltd. |
| Canada | Boston Crab Meat | United Package | New England Seafood Cannery |
| Canada | Camembert Pierrot | United Package | Gai pâturage |
| Canada | Carnarvon Tigers | United Package | Pavlova, Ltd. |
| Canada | Chef Anton's Cajun Seasoning | United Package | New Orleans Cajun Delights |
| Canada | Côte de Blaye | United Package | Aux joyeux ecclésiastiques |
| Canada | Fløtemysost | United Package | Norske Meierier |
| Canada | Geitost | United Package | Norske Meierier |
| Canada | Gorgonzola Telino | United Package | Formaggi Fortini s.r.l. |
| Canada | Guaraná Fantástica | United Package | Refrescos Americanas LTDA |
| Canada | Ikura | United Package | Tokyo Traders |
| Canada | Manjimup Dried Apples | United Package | G'day, Mate |
| Canada | Outback Lager | United Package | Pavlova, Ltd. |
| Canada | Pâté chinois | United Package | Ma Maison |
| Canada | Pavlova | United Package | Pavlova, Ltd. |
| Canada | Raclette Courdavault | United Package | Gai pâturage |
| Canada | Scottish Longbreads | United Package | Specialty Biscuits, Ltd. |
| Canada | Singaporean Hokkien Fried Mee | United Package | Leka Trading |
| Canada | Sirop d'érable | United Package | Forêts d'érables |
| Canada | Steeleye Stout | United Package | Bigfoot Breweries |
| Canada | Tarte au sucre | United Package | Forêts d'érables |
| Canada | Wimmers gute Semmelknödel | United Package | Plutzer Lebensmittelgroßmärkte AG |
| Canada | Zaanse koeken | United Package | Zaanse Snoepfabriek |