

Question 1 MongoDB

1a) Database Creation

To create the database, I first created a cluster on MongoDB Atlas and connected it to Compass. Then I installed pymongo and imported it as well as pandas as these are the two libraries I will require to analyse the data. Using pymongo, I was able to create a connection to the MongoDB cluster and then access the Northwind database.

Then, I loaded the csv files that I previously uploaded into the data folder and checked that the information appeared correctly. Next I inserted data using the insert_many() function as I have multiple datapoints to upload at once. I used to_dict(orient = 'records') to sort the data into a format compatible with MongoDB.

```
In [2]: # importing necessary libraries
import pandas as pd
import pymongo

# connecting to MongoDB
myclient = pymongo.MongoClient("mongodb+srv://mwkhan:mNwNs11aB0M2HVN0@assignment2.0ohzy.mongodb.net/?retryWrites=true&ssl=1")
myclient

db = myclient["Northwind"]
```

```
In [3]: # loading data files
categories = pd.read_csv("data/categories.csv")
products = pd.read_csv("data/products.csv")
customers = pd.read_csv("data/customers.csv")
suppliers = pd.read_csv("data/suppliers.csv")
employees = pd.read_csv("data/employees.csv")
orders = pd.read_csv("data/orders.csv")
```

```
In [4]: # checking data is loaded correctly
display(orders.head(5))
```

	OrderID	CustomerID	EmployeeID	OrderDate	RequiredDate	ShippedDate	ShipVia	Freight	ShipName	ShipAddress	ShipCity	ShipRegion
0	10248	VINET	5	1996-07-04	1996-08-01	1996-07-16	3	32.38	Vins et alcools Chevalier	59 rue de l'Abbaye	Reims	NaN
1	10248	VINET	5	1996-07-04	1996-08-01	1996-07-16	3	32.38	Vins et alcools Chevalier	59 rue de l'Abbaye	Reims	NaN
2	10248	VINET	5	1996-07-04	1996-08-01	1996-07-16	3	32.38	Vins et alcools Chevalier	59 rue de l'Abbaye	Reims	NaN
3	10249	TOMSP	6	1996-07-05	1996-08-16	1996-07-10	1	11.61	Toms Spezialitäten	Luisenstr. 48	Münster	NaN
4	10249	TOMSP	6	1996-07-05	1996-08-16	1996-07-10	1	11.61	Toms Spezialitäten	Luisenstr. 48	Münster	NaN

In [5]: *# inserting data into MongoDB*

```
db["CATEGORIES"].insert_many(categories.to_dict(orient = "records"))
db["CUSTOMERS"].insert_many(customers.to_dict(orient = "records"))
db["EMPLOYEES"].insert_many(employees.to_dict(orient = "records"))
db["ORDERS"].insert_many(orders.to_dict(orient = "records"))
db["PRODUCTS"].insert_many(products.to_dict(orient = "records"))
db["SUPPLIERS"].insert_many(suppliers.to_dict(orient = "records"))
```

Out[5]:

```
InsertManyResult([ObjectId('67576138de493fdbace1598'), ObjectId('67576138de493fdbace1599'), ObjectId('67576138de493fdbace159a'), ObjectId('67576138de493fdbace159b'), ObjectId('67576138de493fdbace159c'), ObjectId('67576138de493fdbace159d'), ObjectId('67576138de493fdbace159e'), ObjectId('67576138de493fdbace159f'), ObjectId('67576138de493fdbace15a0'), ObjectId('67576138de493fdbace15a1'), ObjectId('67576138de493fdbace15a2'), ObjectId('67576138de493fdbace15a3'), ObjectId('67576138de493fdbace15a4'), ObjectId('67576138de493fdbace15a5'), ObjectId('67576138de493fdbace15a6'), ObjectId('67576138de493fdbace15a7'), ObjectId('67576138de493fdbace15a8'), ObjectId('67576138de493fdbace15a9'), ObjectId('67576138de493fdbace15aa'), ObjectId('67576138de493fdbace15ab'), ObjectId('67576138de493fdbace15ac'), ObjectId('67576138de493fdbace15ad'), ObjectId('67576138de493fdbace15ae'), ObjectId('67576138de493fdbace15af'), ObjectId('67576138de493fdbace15b0'), ObjectId('67576138de493fdbace15b1'), ObjectId('67576138de493fdbace15b2'), ObjectId('67576138de493fdbace15b3'), ObjectId('67576138de493fdbace15b4')], acknowledged=True)
```

1b) Product, Price, Supplier

To get the list of each product, its price, and supplier, I used a pipeline which is helpful in extracting and aggregating data. I observed from the entity-relation model that the primary/foreign key in this case would be SupplierID so I used the "*lookup*" operator to join the suppliers

and products tables. I then saved this matched information as an array called product_supplier. The *"unwind"* operator flattens the array and makes it easier to extract the individual product and supplier data. I then used the *"group"* operator to group by ProductName, which ensures that each unique product only appears once. Then, within each group, I had to use *"first"* to get the first occurrence in each array of ProductName, UnitPrice, and SupplierName to match with the given productID. Finally, I used a simple python for loop to print each line in the result showing the required information.

```
In [6]: # using a pipeline to extract the information
result = db["PRODUCTS"].aggregate([
    {
        # joining the product and supplier tables
        "$lookup": {
            "from": "SUPPLIERS",
            "localField": "SupplierID",
            "foreignField": "SupplierID",
            "as": "product_supplier"
        }
    },
    {
        # turning product_supplier into an array to extract information
        "$unwind": "$product_supplier"
    },
    {
        # grouping by product and getting the corresponding value in each array
        "$group": {
            "_id": "$ProductName",
            "ProductName": { "$first": "$ProductName" },
            "UnitPrice": { "$first": "$UnitPrice" },
            "SupplierName": { "$first": "$product_supplier.CompanyName" }
        }
    }
])

# printing the result in the pipeline
for line in result:
    print(f"Product: {line['ProductName']}, Price: {line['UnitPrice']}, Supplier: {line['SupplierName']}")
```

Product: Longlife Tofu, Price: 10, Supplier: Tokyo Traders
Product: Uncle Bob's Organic Dried Pears, Price: 30, Supplier: Grandma Kelly's Homestead
Product: Spegesild, Price: 12, Supplier: Lyngbysild
Product: Rössle Sauerkraut, Price: 45.6, Supplier: Plutzer Lebensmittelgroßmärkte AG
Product: Inlagd Sill, Price: 19, Supplier: Svensk Sjöföda AB
Product: Manjimup Dried Apples, Price: 53, Supplier: G'day, Mate
Product: Genen Shouyu, Price: 13, Supplier: Mayumi's
Product: Gula Malacca, Price: 19.45, Supplier: Leka Trading
Product: Sasquatch Ale, Price: 14, Supplier: Bigfoot Breweries
Product: Camembert Pierrot, Price: 34, Supplier: Gai pâturage
Product: NuNuCa Nuß-Nougat-Creme, Price: 14, Supplier: Heli Süßwaren GmbH & Co. KG
Product: Pavlova, Price: 17.45, Supplier: Pavlova, Ltd.
Product: Singaporean Hokkien Fried Mee, Price: 14, Supplier: Leka Trading
Product: Guaraná Fantástica, Price: 4.5, Supplier: Refrescos Americanas LTDA
Product: Queso Cabrales, Price: 21, Supplier: Cooperativa de Quesos 'Las Cabras'
Product: Aniseed Syrup, Price: 10, Supplier: Exotic Liquids
Product: Ravioli Angelo, Price: 19.5, Supplier: Pasta Buttini s.r.l.
Product: Scottish Longbreads, Price: 12.5, Supplier: Specialty Biscuits, Ltd.
Product: Rogede sild, Price: 9.5, Supplier: Lyngbysild
Product: Vegie-spread, Price: 43.9, Supplier: Pavlova, Ltd.
Product: Queso Manchego La Pastora, Price: 38, Supplier: Cooperativa de Quesos 'Las Cabras'
Product: Chef Anton's Cajun Seasoning, Price: 22, Supplier: New Orleans Cajun Delights
Product: Chocolate, Price: 12.75, Supplier: Zaanse Snoepfabriek
Product: Sir Rodney's Marmalade, Price: 81, Supplier: Specialty Biscuits, Ltd.
Product: Outback Lager, Price: 15, Supplier: Pavlova, Ltd.
Product: Mascarpone Fabioli, Price: 32, Supplier: Formaggi Fortini s.r.l.
Product: Grandma's Boysenberry Spread, Price: 25, Supplier: Grandma Kelly's Homestead
Product: Raclette Courdavault, Price: 55, Supplier: Gai pâturage
Product: Konbu, Price: 6, Supplier: Mayumi's
Product: Tarte au sucre, Price: 49.3, Supplier: Forêts d'érables
Product: Röd Kaviar, Price: 15, Supplier: Svensk Sjöföda AB
Product: Nord-Ost Matjeshering, Price: 25.89, Supplier: Nord-Ost-Fisch Handelsgesellschaft mbH
Product: Rhönbräu Klosterbier, Price: 7.75, Supplier: Plutzer Lebensmittelgroßmärkte AG
Product: Carnarvon Tigers, Price: 62.5, Supplier: Pavlova, Ltd.
Product: Escargots de Bourgogne, Price: 13.25, Supplier: Escargots Nouveaux
Product: Chang, Price: 19, Supplier: Exotic Liquids
Product: Gnocchi di nonna Alice, Price: 38, Supplier: Pasta Buttini s.r.l.
Product: Côte de Blaye, Price: 263.5, Supplier: Aux joyeux ecclésiastiques
Product: Pâté chinois, Price: 24, Supplier: Ma Maison
Product: Wimmers gute Semmelknödel, Price: 33.25, Supplier: Plutzer Lebensmittelgroßmärkte AG
Product: Teatime Chocolate Biscuits, Price: 9.2, Supplier: Specialty Biscuits, Ltd.
Product: Chai, Price: 18, Supplier: Specialty Biscuits, Ltd.
Product: Laughing Lumberjack Lager, Price: 14, Supplier: Bigfoot Breweries
Product: Alice Mutton, Price: 39, Supplier: Pavlova, Ltd.

Product: Sir Rodney's Scones, Price: 10, Supplier: Specialty Biscuits, Ltd.
Product: Zaanse koeken, Price: 9.5, Supplier: Zaanse Snoepfabriek
Product: Ikura, Price: 31, Supplier: Tokyo Traders
Product: Schoggi Schokolade, Price: 43.9, Supplier: Heli Süßwaren GmbH & Co. KG
Product: Steeleye Stout, Price: 18, Supplier: Bigfoot Breweries
Product: Louisiana Fiery Hot Pepper Sauce, Price: 21.05, Supplier: New Orleans Cajun Delights
Product: Gudbrandsdalsost, Price: 36, Supplier: Norske Meierier
Product: Chef Anton's Gumbo Mix, Price: 21.35, Supplier: New Orleans Cajun Delights
Product: Tourtière, Price: 7.45, Supplier: Ma Maison
Product: Tofu, Price: 23.25, Supplier: Mayumi's
Product: Thüringer Rostbratwurst, Price: 123.79, Supplier: Plutzer Lebensmittelgroßmärkte AG
Product: Boston Crab Meat, Price: 18.4, Supplier: New England Seafood Cannery
Product: Gustaf's Knäckebröd, Price: 21, Supplier: PB Knäckebröd AB
Product: Maxilaku, Price: 20, Supplier: Karkki Oy
Product: Filo Mix, Price: 7, Supplier: G'day, Mate
Product: Sirop d'érable, Price: 28.5, Supplier: Forêts d'érables
Product: Mishi Kobe Niku, Price: 97, Supplier: Tokyo Traders
Product: Gorgonzola Telino, Price: 12.5, Supplier: Formaggi Fortini s.r.l.
Product: Louisiana Hot Spiced Okra, Price: 17, Supplier: New Orleans Cajun Delights
Product: Lakkalikööri, Price: 18, Supplier: Karkki Oy
Product: Northwoods Cranberry Sauce, Price: 40, Supplier: Grandma Kelly's Homestead
Product: Original Frankfurter grüne Soße, Price: 13, Supplier: Plutzer Lebensmittelgroßmärkte AG
Product: Gumbär Gummibärchen, Price: 31.23, Supplier: Heli Süßwaren GmbH & Co. KG
Product: Ipoh Coffee, Price: 46, Supplier: Leka Trading
Product: Flotemysost, Price: 21.5, Supplier: Norske Meierier
Product: Tunnbröd, Price: 9, Supplier: PB Knäckebröd AB
Product: Valkoinen suklaa, Price: 16.25, Supplier: Karkki Oy
Product: Jack's New England Clam Chowder, Price: 9.65, Supplier: New England Seafood Cannery
Product: Chartreuse verte, Price: 18, Supplier: Aux joyeux ecclésiastiques
Product: Perth Pasties, Price: 32.8, Supplier: G'day, Mate
Product: Gravad lax, Price: 26, Supplier: Svensk Sjöföda AB
Product: Mozzarella di Giovanni, Price: 34.8, Supplier: Formaggi Fortini s.r.l.
Product: Geitost, Price: 2.5, Supplier: Norske Meierier

1c) Top 10 Products and Category

First, I assume that the top-10 best selling products is based on the quantity sold of the product, in which case I consider the quantity of each product in each order. I am not considering any returns as we don't have that information, nor am I relating it to the price of the object and am basing it purely on the units of each item that have been sold.

To list the categories of the top-10 best selling products, I used a method similar to the previous part of using a pipeline and performing various *"lookup"* operators to join information. Based on the entity-relation model, I found that the primary/foreign key to join order and product would be ProductID and then CategoryID to join it with the categories table. For each joined result, I had to use the *"unwind"* operator to ensure the merged data would be compatible with the code following and to access individual details.

Then, I grouped the data by both ProductID and CategoryID in order to aggregate the total quantity ordered for each product. Using *"first"* again to ensure each product appears only once and to avoid double-counting. Then I used the *"sum"* function to sum the quantity field tied to each product in order to get the total quantity.

By sorting total quantity in *"-1"*, I get the list of products in descending order based on total quantity. As I only wanted top 10, I used the *"limit"* function and set it to 10. Finally, I extracted the corresponding category and product name and then used a simple python for loop to show the results. In the loop, I also decided to use a counter by initialising the variable *i = 1* and increasing it by 1 to show how well each product ranks in the top-10 best-selling list.

```
In [7]: result = db["ORDERS"].aggregate([
    # joining order and product table
    {
        "$lookup": {
            "from": "PRODUCTS",
            "localField": "ProductID",
            "foreignField": "ProductID",
            "as": "order_product"
        }
    },
    # turning order_product into an array
    {
        "$unwind": "$order_product"
    },
    # joining order_product with categories table
    {
        "$lookup": {
            "from": "CATEGORIES",
            "localField": "order_product.CategoryID",
            "foreignField": "CategoryID",
            "as": "order_product_category"
        }
    },
    # turning order_product_category into an array
    {
```

```

        "$unwind": "$order_product_category"
    },
    # extracting the relevant data by grouping categoryID
    {
        "$group": {
            "_id": {
                "CategoryID": "$order_product_category.CategoryID",
                "CategoryName": "$order_product_category.CategoryName",
                "ProductID": "$order_product.ProductID",
                "ProductName": "$order_product.ProductName"
            },
            "TotalQuantity": { "$sum": "$Quantity" } # getting sum of quantity ordered
        }
    },
    # sorting in descending order
    {
        "$sort": {
            "TotalQuantity": -1
        }
    },
    # limiting to top ten orders
    {
        "$limit": 10
    },
    # extracting category and product name data again
    {
        "$project": {
            "CategoryName": "$_id.CategoryName",
            "ProductName": "$_id.ProductName",
        }
    }
}
])

# printing result
i = 1
for line in result:
    print(f"Rank: {i}, Category: {line['CategoryName']}, Product: {line['ProductName']}")
    i += 1 # increasing rank with each line

```

Rank: 1, Category: Dairy Products, Product: Camembert Pierrot
Rank: 2, Category: Dairy Products, Product: Raclette Courdavault
Rank: 3, Category: Dairy Products, Product: Gorgonzola Telino
Rank: 4, Category: Grains/Cereals, Product: Gnocchi di nonna Alice
Rank: 5, Category: Confections, Product: Pavlova
Rank: 6, Category: Beverages, Product: Rhönbräu Klosterbier
Rank: 7, Category: Beverages, Product: Guaraná Fantástica
Rank: 8, Category: Seafood, Product: Boston Crab Meat
Rank: 9, Category: Confections, Product: Tarte au sucre
Rank: 10, Category: Beverages, Product: Chang

1d) Customers and Products

In order to list each customer along with all the products they bought, I used another pipeline. First, I grouped the data by CustomerID and added all of the unique ProductID values associated with each customer. To do this, I used the *"addToSet"* operator which automatically makes sure each value within the set is unique. I then joined this set with the products table to get more details on the product such as its name using the *"lookup"* operator. Similarly, I joined customers with the orders table. I used *"unwind"* on each of the resulting arrays to make the individual data more compatible to use

Then I used *"group"* again to get customer information that I used when printing the result. As it's a business to business model, I'm not entirely sure which column is most important to identify the customer which is why I chose to include the CompanyID, CompanyName, and ContactName. To display the result, I used a python for loop and a *"join"* operator with a comma for the product set to make the result more readable and separate the different products.

```
In [14]: result = db["ORDERS"].aggregate([
    # grouping by customerID and getting each productID that they've bought
    {
        "$group": {
            "_id": "$CustomerID",
            "products": { "$addToSet": "$ProductID" }
        }
    },
    # joining product info with the customers products set
    {
        "$lookup": {
            "from": "PRODUCTS",
            "localField": "products",
            "foreignField": "ProductID",
            "as": "product_details"
        }
    }
])
```



```

    }
},
# flattening the product_details array
{
    "$unwind": "$product_details"
},
# joining customers with orders table
{
    "$lookup": {
        "from": "CUSTOMERS",
        "localField": "_id",
        "foreignField": "CustomerID",
        "as": "orders_customers"
    }
},
# flattening the orders_customers array
{
    "$unwind": "$orders_customers"
},
# grouping by customerID to get relevant information
{
    "$group": {
        "_id": "$_id",
        "CustomerID": { "$first": "$_id" },
        "CompanyName": { "$first": "$orders_customers.CompanyName" },
        "ContactName": { "$first": "$orders_customers.ContactName" },
        "Products": { "$addToSet": "$product_details.ProductName" }
    }
}
])
'''
# printing the result
for line in result:
    print(f"CustomerID: {line['CustomerID']}, Company: {line['CompanyName']}, Contact: {line['ContactName']},\
Products Bought: {'', '.join(line['Products'])}\n")
'''
for line in result:
    print(f"\nCustomer ID: {line['CustomerID']}\nCompany: {line['CompanyName']}\nContact: {line['ContactName']}\n")
    print(f"Products Bought: {'', '.join(line['Products'])}\n")
    print("-" * 70) # for aesthetics and readability

```

Customer ID: TOMSP

Company: Toms Spezialitäten

Contact: Karin Josephs

Products Bought: Jack's New England Clam Chowder, Filo Mix, Gnocchi di nonna Alice, Ravioli Angelo, Maxilaku, Teatime Chocolate Biscuits, Tofu, Sasquatch Ale, Guaraná Fantástica, Manjimup Dried Apples, Gorgonzola Telino

Customer ID: QUICK

Company: QUICK-Stop

Contact: Horst Kloss

Products Bought: Chartreuse verte, Rogede sild, Manjimup Dried Apples, Teatime Chocolate Biscuits, Gorgonzola Telino, Original Frankfurter grüne Soße, Gula Malacca, Carnarvon Tigers, Ipoh Coffee, Aniseed Syrup, Chang, Thüringer Rostbratwurst, Scottish Longbreads, Mozzarella di Giovanni, Mishi Kobe Niku, Sir Rodney's Scones, Perth Pasties, Pâté chinois, Gumbär Gummibärchen, Sir Rodney's Marmalade, Côte de Blaye, Louisiana Fiery Hot Pepper Sauce, Outback Lager, Pavlova, Gudbrandsdalsost, Inlagd Sill, Tarte au sucre, Zaanse koeken, Rhönbräu Klosterbier, Lakkalikööri, Steeleye Stout, Ikura, Raclette Courdavault, Flotemysost, Escargots de Bourgogne, Uncle Bob's Organic Dried Pears, Camembert Pierrot, Longlife Tofu, Singaporean Hokkien Fried Mee, Sirop d'érable, Geitost, Wimmers gute Semmelknödel, Chai, Chef Anton's Cajun Seasoning, Konbu, Northwoods Cranberry Sauce, Tunnbröd, Schoggi Schokolade, Boston Crab Meat

Customer ID: PICCO

Company: Piccolo und mehr

Contact: Georg Pippes

Products Bought: Jack's New England Clam Chowder, Mascarpone Fabioli, Côte de Blaye, Guaraná Fantástica, Queso Cabrales, Gumbär Gummibärchen, Tofu, Louisiana Fiery Hot Pepper Sauce, Ravioli Angelo, Gudbrandsdalsost, Pavlova, Lakkalikööri, Alice Mutton, Gorgonzola Telino, Sirop d'érable, Vegie-spread, Wimmers gute Semmelknödel, Ipoh Coffee, Carnarvon Tigers, Gustaf's Knäckebröd

Customer ID: OLDWO

Company: Old World Delicatessen

Contact: Rene Phillips

Products Bought: Sir Rodney's Scones, Louisiana Fiery Hot Pepper Sauce, Schoggi Schokolade, Pavlova, Lakkalikööri, Alice Mutton, Chartreuse verte, Filo Mix, Manjimup Dried Apples, Gnocchi di nonna Alice, Escargots de Bourgogne, Raclette Courdavault, Nord-Ost Matjeshering, Gorgonzola Telino, Singaporean Hokkien Fried Mee, Ipoh Coffee, Carnarvon Tigers, Gula Malacca, Thüringer Rostbratwurst, Sirop d'érable

Customer ID: WANDK

Company: Die Wandernde Kuh

Contact: Rita Müller

Products Bought: Geitost, Ipoh Coffee, Mascarpone Fabioli, Outback Lager, Chai, Sir Rodney's Scones, Pâté chinois, Boston Crab Meat, Steeleye Stout, Rössle Sauerkraut, Rhönbräu Klosterbier, Tunnbröd, Gudbrandsdalsost, Sirop d'érable, Gorgonzola Telino, Teatime Chocolate Biscuits, Gnocchi di nonna Alice, Perth Pasties, Wimmers gute Semmelknödel, Queso

o Manchego La Pastora, Chang, Gustaf's Knäckebröd

Customer ID: NORTS

Company: North/South

Contact: Simon Crowther

Products Bought: Gudbrandsdalsost, Outback Lager, Filo Mix, Raclette Courdavault, Chai

Customer ID: HILAA

Company: HILARION-Abastos

Contact: Carlos Hernández

Products Bought: Original Frankfurter grüne Soße, Nord-Ost Matjeshering, Gula Malacca, Gorgonzola Telino, Manjimup Dried Apples, Perth Pasties, Chang, Scottish Longbreads, Outback Lager, Guaraná Fantástica, Pâté chinois, Queso Cabrales, Gumbär Gummibärchen, Steeleye Stout, Longlife Tofu, Gudbrandsdalsost, Rhönbräu Klosterbier, Singaporean Hokkien Fried Mee, Flotemysost, Raclette Courdavault, Escargots de Bourgogne, Wimmers gute Semmelknödel, Jack's New England Clam Chowder, Mascarpone Fabioli, Konbu, Spegesild, NuNuCa Nuß-Nougat-Creme, Chai, Rössle Sauerkraut, Ravioli Angelo, Chartreuse verte, Boston Crab Meat, Schoggi Schokolade

Customer ID: RICAR

Company: Ricardo Adocicados

Contact: Janete Limeira

Products Bought: Flotemysost, Ravioli Angelo, Pavlova, Alice Mutton, Inlagd Sill, Konbu, Spegesild, Guaraná Fantástica, Outback Lager, NuNuCa Nuß-Nougat-Creme, Sasquatch Ale, Maxilaku, Louisiana Fiery Hot Pepper Sauce, Carnarvon Tigers, Chang, Gustaf's Knäckebröd, Camembert Pierrot, Scottish Longbreads, Filo Mix, Raclette Courdavault, Teatime Chocolate Biscuits

Customer ID: ERNSH

Company: Ernst Handel

Contact: Roland Mendel

Products Bought: Guaraná Fantástica, Chef Anton's Gumbo Mix, Geitost, Queso Manchego La Pastora, Jack's New England Clam Chowder, Wimmers gute Semmelknödel, Outback Lager, Flotemysost, Ikura, Valkoinen suklaa, Raclette Courdavault, Camembert Pierrot, Uncle Bob's Organic Dried Pears, Singaporean Hokkien Fried Mee, Sirop d'érable, Tunnbröd, Schoggi Schokolade, Vegie-spread, Alice Mutton, Rössle Sauerkraut, Chartreuse verte, Boston Crab Meat, Ravioli Angelo, Tofu, Sasquatch Ale, Chocolate, Konbu, Mascarpone Fabioli, Spegesild, Carnarvon Tigers, Chang, Gustaf's Knäckebröd, Thüringer Rostbratwurst, Aniseed Syrup, Mozzarella di Giovanni, Rogede sild, Manjimup Dried Apples, Tourtière, Gnocchi di nonna Alice, Louisiana Hot Spiced Okra, Nord-Ost Matjeshering, Gorgonzola Telino, Gula Malacca, Gudbrandsdalsost, Pavlova, Tarte au sucre, Rhönbräu Klosterbier, Steeleye Stout, Longlife Tofu, Pâté chinois, Queso Cabrales, Sir Rodney's Scones, Gumbär Gummibärchen, Côte de Blaye, Sir Rodney's Marmalade, Louisiana Fiery Hot Pepper Sauce

Customer ID: BLAUS

Company: Blauer See Delikatessen

Contact: Hanna Moos

Products Bought: Carnarvon Tigers, Sirop d'érable, Lakkalikööri, Zaanse koeken, Rössle Sauerkraut, Chartreuse verte, Manjimup Dried Apples, Sir Rodney's Scones, Queso Cabrales, Tourtière, Ravioli Angelo, Camembert Pierrot

Customer ID: GROSR

Company: GROSELLA-Restaurante

Contact: Manuel Pereira

Products Bought: Ikura, Mozzarella di Giovanni, Thüringer Rostbratwurst, Rhönbräu Klosterbier

Customer ID: RANCH

Company: Rancho grande

Contact: Sergio Gutiérrez

Products Bought: Spegesild, Pavlova, Manjimup Dried Apples, Sirop d'érable, Ravioli Angelo, Boston Crab Meat, Sir Rodney's Scones, Gumbär Gummibärchen, Maxilaku, Côte de Blaye, Sir Rodney's Marmalade, Mascarpone Fabioli

Customer ID: FRANK

Company: Frankenversand

Contact: Peter Franken

Products Bought: Thüringer Rostbratwurst, Gravad lax, Spegesild, Chang, Tofu, Mozzarella di Giovanni, Boston Crab Meat, Tunnbröd, Camembert Pierrot, Laughing Lumberjack Lager, Raclette Courdavault, Flotemysost, Röd Kaviar, Escargots de Bourgogne, Wimmers gute Semmelknödel, Jack's New England Clam Chowder, Guaraná Fantástica, Sir Rodney's Scones, Pâté chinois, Gumbär Gummibärchen, Steeleye Stout, Pavlova, Gudbrandsdalsost, Inlagd Sill, Tarte au sucre, Nord-Ost Matjeshering, Gorgonzola Telino, Rhönbräu Klosterbier, Lakkalikööri, Original Frankfurter grüne Soße, Teatime Chocolate Biscuits, Tourtière, Perth Pasties

Customer ID: CACTU

Company: Cactus Comidas para llevar

Contact: Patricio Simpson

Products Bought: Jack's New England Clam Chowder, Geitost, Laughing Lumberjack Lager, Ipoh Coffee, Scottish Longbreads, Steeleye Stout, Rhönbräu Klosterbier, Rössle Sauerkraut, Sasquatch Ale, Röd Kaviar, Gorgonzola Telino

Customer ID: HUNGO

Company: Hungry Owl All-Night Grocers

Contact: Patricia McKenna

Products Bought: Manjimup Dried Apples, Gnocchi di nonna Alice, Nord-Ost Matjeshering, Gorgonzola Telino, Original Frankfurter grüne Soße, Chang, Carnarvon Tigers, Ipoh Coffee, Thüringer Rostbratwurst, Mishi Kobe Niku, Perth Pasties, Queso Cabrales, Louisiana Fiery Hot Pepper Sauce, Outback Lager, Inlagd Sill, Tarte au sucre, Pavlova, Rhönbräu Klosterbier, Lakkalikööri, Escargots de Bourgogne, Raclette Courdavault, Ikura, Valkoinen suklaa, Singaporean Hokkien Frie

d Mee, Vegie-spread, Camembert Pierrot, Jack's New England Clam Chowder, Flotemysost, Chai, Tofu, Sasquatch Ale, Chef Anton's Cajun Seasoning, Mascarpone Fabioli, Boston Crab Meat, Grandma's Boysenberry Spread, Chartreuse verte

Customer ID: ISLAT

Company: Island Trading

Contact: Helen Bennett

Products Bought: Teatime Chocolate Biscuits, Steeleye Stout, Tunnbröd, Tarte au sucre, Konbu, Northwoods Cranberry Sauce, Outback Lager, Lakkalikööri, Sasquatch Ale, Perth Pasties, Jack's New England Clam Chowder, Chang, Geitost, Camembert Pierrot, Mozzarella di Giovanni, Sirop d'érable, Gnocchi di nonna Alice, Raclette Courdavault, Flotemysost

Customer ID: ANATR

Company: Ana Trujillo Emparedados y helados

Contact: Ana Trujillo

Products Bought: Konbu, Gudbrandsdalsost, Outback Lager, Mozzarella di Giovanni, Tofu, Teatime Chocolate Biscuits, Queso Cabrales, Camembert Pierrot, Mascarpone Fabioli, Singaporean Hokkien Fried Mee

Customer ID: VICTE

Company: Victuailles en stock

Contact: Mary Saveley

Products Bought: NuNuCa Nuß-Nougat-Creme, Louisiana Fiery Hot Pepper Sauce, Mozzarella di Giovanni, Chocolate, Spegesild, Outback Lager, Tarte au sucre, Steeleye Stout, Manjimup Dried Apples, Filo Mix, Ikura, Tourtière, Uncle Bob's Organic Dried Pears, Ravioli Angelo, Longlife Tofu, Sirop d'érable, Ipoh Coffee, Jack's New England Clam Chowder, Chang, Gustaf's Knäckebröd, Geitost, Scottish Longbreads

Customer ID: SPECD

Company: Spécialités du monde

Contact: Dominique Perrier

Products Bought: Côte de Blaye, Rhönbräu Klosterbier, Queso Cabrales, Pavlova, Carnarvon Tigers, Gudbrandsdalsost

Customer ID: QUEDE

Company: Que Delícia

Contact: Bernardo Batista

Products Bought: Grandma's Boysenberry Spread, Steeleye Stout, Chartreuse verte, Queso Cabrales, Gumbär Gummibärchen, Tofu, Sir Rodney's Scones, Konbu, Louisiana Fiery Hot Pepper Sauce, Jack's New England Clam Chowder, Perth Pasties, Flotemysost, Manjimup Dried Apples, Teatime Chocolate Biscuits, Tourtière, Vegie-spread, Original Frankfurter grüne Soße, Gula Malacca

Customer ID: GOURL

Company: Gourmet Lanchonetes

Contact: André Fonseca

Products Bought: Zaanse koeken, Raclette Courdavault, Singaporean Hokkien Fried Mee, Ikura, Manjimup Dried Apples, Gorgonzola Telino, Chang, Queso Manchego La Pastora, Jack's New England Clam Chowder, Gnocchi di nonna Alice, Uncle Bob's Organic Dried Pears, Nord-Ost Matjeshering, Camembert Pierrot, Northwoods Cranberry Sauce, Lakkalikööri, Rhönbräu Klosterbier, Grandma's Boysenberry Spread

Customer ID: LAMAI

Company: La maison d'Asie

Contact: Annette Roulet

Products Bought: Konbu, Chang, Thüringer Rostbratwurst, Geitost, Ipoh Coffee, Spegesild, Wimmers gute Semmelknödel, Louisiana Fiery Hot Pepper Sauce, Louisiana Hot Spiced Okra, Valkoinen suklaa, Singaporean Hokkien Fried Mee, Gula Malacca, Laughing Lumberjack Lager, Tarte au sucre, Inlagd Sill, Gudbrandsdalsost, Pavlova, Rhönbräu Klosterbier, Lakkalikööri, Rössle Sauerkraut, Chai, Pâté chinois, Genen Shouyu, NuNuCa Nuß-Nougat-Creme, Guaraná Fantástica, Sasquatch Ale

Customer ID: ALFKI

Company: Alfreds Futterkiste

Contact: Maria Anders

Products Bought: Aniseed Syrup, Spegesild, Original Frankfurter grüne Soße, Flotemysost, Raclette Courdavault, Escargots de Bourgogne, Vegie-spread, Rössle Sauerkraut, Grandma's Boysenberry Spread, Chartreuse verte, Lakkalikööri

Customer ID: QUEEN

Company: Queen Cozinha

Contact: Lúcia Carvalho

Products Bought: Original Frankfurter grüne Soße, Nord-Ost Matjeshering, Gorgonzola Telino, Gnocchi di nonna Alice, Teatime Chocolate Biscuits, Tourtière, Ipoh Coffee, Mozzarella di Giovanni, Côte de Blaye, Sir Rodney's Marmalade, Outback Lager, Guaraná Fantástica, Pâté chinois, Queso Cabrales, Sir Rodney's Scones, Gumbär Gummibärchen, Steeleye Stout, Lakkalikööri, Inlagd Sill, Camembert Pierrot, Rhönbräu Klosterbier, Filo Mix, Valkoinen suklaa, Escargots de Bourgogne, Flotemysost, Geitost, Northwoods Cranberry Sauce, Chef Anton's Cajun Seasoning, Chai, Chocolate, Rössle Sauerkraut, Maxilaku, Boston Crab Meat

Customer ID: CONSH

Company: Consolidated Holdings

Contact: Elizabeth Brown

Products Bought: Mozzarella di Giovanni, Chang, Gustaf's Knäckebröd, Chef Anton's Gumbo Mix, Tunnbröd, Mishi Kobe Niku, Konbu

Customer ID: THECR

Company: The Cracker Box
Contact: Liu Wong
Products Bought: Laughing Lumberjack Lager, Thüringer Rostbratwurst, Boston Crab Meat, Rössle Sauerkraut, Chai, Ikura, Filo Mix, Gula Malacca

Customer ID: PERIC
Company: Pericles Comidas clásicas
Contact: Guillermo Fernández
Products Bought: Boston Crab Meat, Queso Cabrales, Rogede sild, Rössle Sauerkraut, Manjimup Dried Apples, Thüringer Rostbratwurst, Filo Mix, Perth Pasties, Guaraná Fantástica, Rhönbräu Klosterbier, Camembert Pierrot, Laughing Lumberjack Lager, Chai, Tofu

Customer ID: BOTTM
Company: Bottom-Dollar Markets
Contact: Elizabeth Lincoln
Products Bought: NuNuCa Nuß-Nougat-Creme, Queso Cabrales, Geitost, Aniseed Syrup, Jack's New England Clam Chowder, Ipoh Coffee, Singaporean Hokkien Fried Mee, Gula Malacca, Camembert Pierrot, Uncle Bob's Organic Dried Pears, Scottish Longbreads, Mozzarella di Giovanni, Ikura, Grandma's Boysenberry Spread, Boston Crab Meat, Manjimup Dried Apples, Zaanse koeken, Gnocchi di nonna Alice, Alice Mutton, Raclette Courdavault, Tarte au sucre, Rhönbräu Klosterbier, Guaraná Fantástica, Northwoods Cranberry Sauce, Outback Lager, Chai, Pâté chinois

Customer ID: WARTH
Company: Wartian Herkku
Contact: Pirkko Koskitalo
Products Bought: Flotemysost, Chai, Sir Rodney's Scones, Queso Cabrales, Tofu, Konbu, Chef Anton's Cajun Seasoning, Inlagd Sill, Pavlova, Gudbrandsdalsost, Steeleye Stout, Chartreuse verte, Ravioli Angelo, Longlife Tofu, Teatime Chocolate Biscuits, Tourtière, Rogede sild, Gnocchi di nonna Alice, Escargots de Bourgogne, Gorgonzola Telino, Raclette Courdavault, Queso Manchego La Pastora, Gustaf's Knäckebröd, Thüringer Rostbratwurst, Ipoh Coffee, Camembert Pierrot, Perth Pasties, Sirop d'érable

Customer ID: DRACD
Company: Drachenblut Delikatessen
Contact: Sven Ottlieb
Products Bought: Gumbär Gummibärchen, Perth Pasties, Jack's New England Clam Chowder, Rhönbräu Klosterbier, Konbu, Gorgonzola Telino, Lakkalikööri, Queso Cabrales, Raclette Courdavault

Customer ID: BLONP
Company: Blondesddsl père et fils
Contact: Frédérique Citeaux

Products Bought: Carnarvon Tigers, Côte de Blaye, Spegesild, Chai, Maxilaku, Pâté chinois, Queso Cabrales, Chartreuse verte, Ravioli Angelo, Rössle Sauerkraut, Outback Lager, Tarte au sucre, Alice Mutton, Rhönbräu Klosterbier, Lakkalikööri, Gorgonzola Telino, Tourtière, Filo Mix, Ikura, Gnocchi di nonna Alice, Raclette Courdavault, Wimmers gute Semmelknödel, Thüringer Rostbratwurst, Jack's New England Clam Chowder, Mozzarella di Giovanni

Customer ID: FURIB

Company: Furia Bacalhau e Frutos do Mar

Contact: Lino Rodriguez

Products Bought: Chocolate, Louisiana Fiery Hot Pepper Sauce, Guaraná Fantástica, Chef Anton's Cajun Seasoning, Lakka likööri, Pavlova, Steeleye Stout, Tourtière, Ikura, Gnocchi di nonna Alice, Raclette Courdavault, Gula Malacca, Camembert Pierrot, Scottish Longbreads, Original Frankfurter grüne Soße, Ipoh Coffee

Customer ID: MORGK

Company: Morgenstern Gesundkost

Contact: Alexander Feuer

Products Bought: Pavlova, Tarte au sucre, Mozzarella di Giovanni, Rössle Sauerkraut, Zaanse koeken, Lakkalikööri, Raclette Courdavault, Veggie-spread, Konbu, Gorgonzola Telino

Customer ID: MAISD

Company: Maison Dewey

Contact: Catherine Dewey

Products Bought: Ipoh Coffee, Scottish Longbreads, Mozzarella di Giovanni, Gnocchi di nonna Alice, Rogede sild, Raclette Courdavault, Gula Malacca, Schoggi Schokolade, Gudbrandsdalsost, Lakkalikööri, Rössle Sauerkraut, Boston Crab Meat, Sir Rodney's Scones, NuNuCa Nuß-Nougat-Creme, Pâté chinois, Gumbär Gummibärchen, Northwoods Cranberry Sauce

Customer ID: GODOS

Company: Godos Cocina Típica

Contact: José Pedro Freyre

Products Bought: Guaraná Fantástica, Outback Lager, Chai, Pâté chinois, Sir Rodney's Scones, Louisiana Fiery Hot Pepper Sauce, Boston Crab Meat, Tarte au sucre, Alice Mutton, Inlagd Sill, Sirop d'érable, Camembert Pierrot, Laughing Lumberjack Lager, Teatime Chocolate Biscuits, Ikura, Valkoinen suklaa, Manjimup Dried Apples, Wimmers gute Semmelknödel, Chang, Thüringer Rostbratwurst, Scottish Longbreads

Customer ID: LACOR

Company: La corne d'abondance

Contact: Daniel Tonini

Products Bought: Gumbär Gummibärchen, Filo Mix, Outback Lager, Uncle Bob's Organic Dried Pears, Sir Rodney's Marmalade, Alice Mutton, Schoggi Schokolade, Geitost, Jack's New England Clam Chowder, Rhönbräu Klosterbier, Lakkalikööri

Customer ID: OCEAN

Company: Océano Atlántico Ltda.

Contact: Yvonne Moncada

Products Bought: Queso Cabrales, Tofu, Sir Rodney's Scones, Raclette Courdavault, Mozzarella di Giovanni, Lakkalikööri, Chef Anton's Gumbo Mix, Original Frankfurter grüne Soße, Uncle Bob's Organic Dried Pears, Konbu, Sir Rodney's Marmalade

Customer ID: BONAP

Company: Bon app'

Contact: Laurence Lebihan

Products Bought: Tofu, NuNuCa Nuß-Nougat-Creme, Northwoods Cranberry Sauce, Chef Anton's Cajun Seasoning, Konbu, Spegesild, Tunnbröd, Alice Mutton, Grandma's Boysenberry Spread, Chartreuse verte, Boston Crab Meat, Ravioli Angelo, Flotemysost, Ikura, Singaporean Hokkien Fried Mee, Uncle Bob's Organic Dried Pears, Jack's New England Clam Chowder, Wimmers gute Semmelknödel, Louisiana Fiery Hot Pepper Sauce, Tarte au sucre, Inlagd Sill, Gudbrandsdalsost, Pavlova, Rhönbräu Klosterbier, Lakkalikööri, Zaanse koeken, Teatime Chocolate Biscuits, Tourtière, Manjimup Dried Apples, Gnocchi di nonna Alice, Gorgonzola Telino, Mozzarella di Giovanni, Ipoh Coffee, Carnarvon Tigers

Customer ID: ANTON

Company: Antonio Moreno Taquería

Contact: Antonio Moreno

Products Bought: Queso Cabrales, Sasquatch Ale, Perth Pasties, Chang, Geitost, Ipoh Coffee, Singaporean Hokkien Fried Mee, Louisiana Hot Spiced Okra, Raclette Courdavault, Ravioli Angelo, Boston Crab Meat, Alice Mutton, Rhönbräu Klosterbier, Gumbär Gummibärchen, Chocolate

Customer ID: HUNGC

Company: Hungry Coyote Import Store

Contact: Yoshi Latimer

Products Bought: Röd Kaviar, Tofu, Tourtière, Sir Rodney's Marmalade, Konbu, Geitost, Alice Mutton, Tarte au sucre

Customer ID: LILAS

Company: LILA-Supermercado

Contact: Carlos González

Products Bought: Outback Lager, Konbu, Gumbär Gummibärchen, Mascarpone Fabioli, Spegesild, Queso Cabrales, Genen Shouyu, Sir Rodney's Scones, Rössle Sauerkraut, Chartreuse verte, Maxilaku, Pâté chinois, Tunnbröd, Pavlova, Ravioli Angelo, Gudbrandsdalsost, Camembert Pierrot, Uncle Bob's Organic Dried Pears, Teatime Chocolate Biscuits, Nord-Ost Matjeshering, Filo Mix, Ikura, Tourtière, Raclette Courdavault, Longlife Tofu, Original Frankfurter grüne Soße, Mozzarella di Giovanni, Queso Manchego La Pastora

Customer ID: CENTC
Company: Centro comercial Moctezuma
Contact: Francisco Chang
Products Bought: Sir Rodney's Scones, Gravad lax

Customer ID: WILMK
Company: Wilman Kala
Contact: Matti Karttunen
Products Bought: Chai, Louisiana Fiery Hot Pepper Sauce, Ipoh Coffee, Queso Manchego La Pastora, Singaporean Hokkien Fried Mee, Raclette Courdavault, Sirop d'érable, Teatime Chocolate Biscuits, Rössle Sauerkraut, Boston Crab Meat, Pavlova, Lakkalikööri, Northwoods Cranberry Sauce, Guaraná Fantástica, Sir Rodney's Scones, Pâté chinois, Maxilaku

Customer ID: LAUGB
Company: Laughing Bacchus Wine Cellars
Contact: Yoshi Tannamuri
Products Bought: Tunnbröd, Guaraná Fantástica, Konbu, Outback Lager, Original Frankfurter grüne Soße, NuNuCa Nuß-Nougat-Creme, Filo Mix, Jack's New England Clam Chowder

Customer ID: SPLIR
Company: Split Rail Beer & Ale
Contact: Art Braunschweiger
Products Bought: Manjimup Dried Apples, Steeleye Stout, Gnocchi di nonna Alice, Vegie-spread, Inlagd Sill, Gudbrandsdalsost, Côte de Blaye, Gumbär Gummibärchen, Scottish Longbreads, Thüringer Rostbratwurst, Carnarvon Tigers, Geitost, Uncle Bob's Organic Dried Pears, Nord-Ost Matjeshering, Camembert Pierrot, Teatime Chocolate Biscuits, Tourtière

Customer ID: VINET
Company: Vins et alcools Chevalier
Contact: Paul Henriot
Products Bought: Filo Mix, Queso Cabrales, Singaporean Hokkien Fried Mee, Gnocchi di nonna Alice, Flotemysost, Konbu, Mozzarella di Giovanni, Inlagd Sill, Jack's New England Clam Chowder

Customer ID: ROMEY
Company: Romero y tomillo
Contact: Alejandra Camino
Products Bought: Tourtière, Steeleye Stout, Perth Pasties, Tunnbröd, Ravioli Angelo, Scottish Longbreads, Camembert Pierrot, Nord-Ost Matjeshering, Singaporean Hokkien Fried Mee, Guaraná Fantástica, Rogede sild, Teatime Chocolate Biscuits

Customer ID: VAFFE

Company: Vaffeljernet

Contact: Palle Ibsen

Products Bought: Aniseed Syrup, Jack's New England Clam Chowder, Scottish Longbreads, Guaraná Fantástica, Sasquatch Ale, Louisiana Fiery Hot Pepper Sauce, Rössle Sauerkraut, Steeleye Stout, Boston Crab Meat, Tarte au sucre, Lakkalikööri, Original Frankfurter grüne Soße, Uncle Bob's Organic Dried Pears, Sirop d'érable, Rogede sild, Ikura, Valkoinen suklaa, Filo Mix, Tourtière, Raclette Courdavault, Vegie-spread, Flotemysost, Thüringer Rostbratwurst

Customer ID: LAZYK

Company: Lazy K Kountry Store

Contact: John Steel

Products Bought: Queso Cabrales, Boston Crab Meat

Customer ID: RICSU

Company: Richter Supermarkt

Contact: Michael Holz

Products Bought: Konbu, Spegesild, Chang, Thüringer Rostbratwurst, Geitost, Louisiana Fiery Hot Pepper Sauce, Outback Lager, Gumbär Gummibärchen, Mozzarella di Giovanni, Ravioli Angelo, Pavlova, Gudbrandsdalsost, Inlagd Sill, Rhönbräu Klosterbier, Nord-Ost Matjeshering, Gorgonzola Telino, Camembert Pierrot, Lakkalikööri, Valkoinen suklaa, Manjimup Dried Apples, Filo Mix, Escargots de Bourgogne, Raclette Courdavault, Röd Kaviar, Perth Pasties, Jack's New England Clam Chowder

Customer ID: CHOPS

Company: Chop-suey Chinese

Contact: Yang Wang

Products Bought: Vegie-spread, Manjimup Dried Apples, Gnocchi di nonna Alice, Ikura, Singaporean Hokkien Fried Mee, Camembert Pierrot, Chang, Gravad lax, Wimmers gute Semmelknödel, Chai, Sir Rodney's Scones, Pâté chinois, Guaraná Fantástica, Konbu, Tarte au sucre, Gudbrandsdalsost, Longlife Tofu

Customer ID: WHITC

Company: White Clover Markets

Contact: Karl Jablonski

Products Bought: Rössle Sauerkraut, Teatime Chocolate Biscuits, Gnocchi di nonna Alice, Rogede sild, Tourtière, Gula Malacca, Original Frankfurter grüne Soße, Chang, Carnarvon Tigers, Mozzarella di Giovanni, Mishi Kobe Niku, Perth Pasties, Gumbär Gummibärchen, Sir Rodney's Scones, Côte de Blaye, Inlagd Sill, Tarte au sucre, Pavlova, Gudbrandsdalsost, Rhönbräu Klosterbier, Steeleye Stout, Escargots de Bourgogne, Raclette Courdavault, Vegie-spread, Röd Kaviar, Sirop d'érable, Geitost, Sasquatch Ale, Chef Anton's Cajun Seasoning, Northwoods Cranberry Sauce, Spegesild, Alice Mutton

Customer ID: THEBI

Company: The Big Cheese

Contact: Liz Nixon

Products Bought: Inlagd Sill, Côte de Blaye, Pavlova, Chef Anton's Gumbo Mix, Sasquatch Ale, Tarte au sucre, Mozzarella di Giovanni

Customer ID: LEHMS

Company: Lehmanns Marktstand

Contact: Renate Messner

Products Bought: Chai, Genen Shouyu, Northwoods Cranberry Sauce, Alice Mutton, Schoggi Schokolade, Boston Crab Meat, Grandma's Boysenberry Spread, Raclette Courdavault, Filo Mix, Camembert Pierrot, Queso Manchego La Pastora, Geitost, Laughing Lumberjack Lager, Wimmers gute Semmelknödel, Gumbär Gummibärchen, Queso Cabrales, Sir Rodney's Marmalade, Rhönbräu Klosterbier, Lakkalikööri, Pavlova, Gudbrandsdalsost, Tourtière, Gnocchi di nonna Alice, Gula Malacca, Nord-Ost Matjeshering, Gorgonzola Telino, Scottish Longbreads, Chang, Thüringer Rostbratwurst, Mozzarella di Giovanni, Original Frankfurter grüne Soße

Customer ID: TRAIH

Company: Trail's Head Gourmet Provisioners

Contact: Helvetius Nagy

Products Bought: Rhönbräu Klosterbier, Outback Lager, Tarte au sucre, Original Frankfurter grüne Soße, Wimmers gute Semmelknödel, Chartreuse verte, Boston Crab Meat, Geitost

Customer ID: RATTC

Company: Rattlesnake Canyon Grocery

Contact: Paula Wilson

Products Bought: Spegesild, Gnocchi di nonna Alice, Louisiana Hot Spiced Okra, Nord-Ost Matjeshering, Gorgonzola Telino, Aniseed Syrup, Chang, Mozzarella di Giovanni, Ipoh Coffee, Original Frankfurter grüne Soße, Perth Pasties, Queso Cabrales, Pâté chinois, Guaraná Fantástica, Louisiana Fiery Hot Pepper Sauce, Sir Rodney's Marmalade, Côte de Blaye, Rhönbräu Klosterbier, Tarte au sucre, Pavlova, Lakkalikööri, Escargots de Bourgogne, Ikura, Filo Mix, Raclette Courdavault, Flotemysost, Uncle Bob's Organic Dried Pears, Camembert Pierrot, Jack's New England Clam Chowder, Queso Manchego La Pastora, Röd Kaviar, Chef Anton's Gumbo Mix, Wimmers gute Semmelknödel, Chai, Tofu, NuNuCa Nuß-Nougat-Creme, Konbu, Chef Anton's Cajun Seasoning, Northwoods Cranberry Sauce, Mascarpone Fabioli, Alice Mutton, Tunnbröd, Schoggi Schokolade, Grandma's Boysenberry Spread, Chartreuse verte

Customer ID: MEREP

Company: Mère Paillarde

Contact: Jean Fresnière

Products Bought: Zaanse koeken, Sirop d'érable, Flotemysost, Steeleye Stout, Pavlova, Grandma's Boysenberry Spread, Alice Mutton, Tarte au sucre, Chef Anton's Cajun Seasoning, Côte de Blaye, Guaraná Fantástica, Longlife Tofu, Queso Cabrales, Sir Rodney's Scones, Original Frankfurter grüne Soße, Chai, Wimmers gute Semmelknödel, Carnarvon Tigers, Queso Manchego La Pastora, Gustaf's Knäckebröd, Gorgonzola Telino, Camembert Pierrot, Scottish Longbreads, Singaporean Ho

kkien Fried Mee, Ikura, Gnocchi di nonna Alice, Raclette Courdavault

Customer ID: DUMON

Company: Du monde entier

Contact: Janine Labrune

Products Bought: Jack's New England Clam Chowder, Singaporean Hokkien Fried Mee, Ikura, Sir Rodney's Scones, Sasquatch Ale, Chai, Filo Mix, Gudbrandsdalsost, Alice Mutton

Customer ID: SUPRD

Company: Suprêmes délices

Contact: Pascale Cartrain

Products Bought: Chef Anton's Cajun Seasoning, Chai, Rössle Sauerkraut, Boston Crab Meat, Schoggi Schokolade, Alice Mutton, Camembert Pierrot, Singaporean Hokkien Fried Mee, Filo Mix, Raclette Courdavault, Escargots de Bourgogne, Flotemysost, Ikura, Geitost, Outback Lager, Sir Rodney's Marmalade, Guaraná Fantástica, Pâté chinois, Sir Rodney's Scones, Gumbär Gummibärchen, Steeleye Stout, Longlife Tofu, Lakkalikööri, Original Frankfurter grüne Soße, Gorgonzola Teli no, Louisiana Hot Spiced Okra, Gnocchi di nonna Alice, Tourtière, Teatime Chocolate Biscuits, Ipoh Coffee, Chang

Customer ID: PRINI

Company: Princesa Isabel Vinhos

Contact: Isabel de Castro

Products Bought: Sir Rodney's Scones, Chartreuse verte, Manjimup Dried Apples, Chai, Chef Anton's Cajun Seasoning, Northwoods Cranberry Sauce, Gnocchi di nonna Alice, Singaporean Hokkien Fried Mee, Thüringer Rostbratwurst

Customer ID: EASTC

Company: Eastern Connection

Contact: Ann Devon

Products Bought: Geitost, Chef Anton's Cajun Seasoning, Mozzarella di Giovanni, Pâté chinois, Queso Cabrales, Gumbär Gummibärchen, Maxilaku, Chai, Louisiana Fiery Hot Pepper Sauce, Steeleye Stout, Gudbrandsdalsost, Camembert Pierrot, Nord-Ost Matjeshering, Uncle Bob's Organic Dried Pears, Louisiana Hot Spiced Okra, Flotemysost, Chef Anton's Gumbo Mix, Ipoh Coffee, Thüringer Rostbratwurst

Customer ID: COMMI

Company: Comércio Mineiro

Contact: Pedro Afonso

Products Bought: Chef Anton's Gumbo Mix, Gula Malacca, Spegesild, Sirop d'érable, Maxilaku, Original Frankfurter grüne Soße, Queso Cabrales, Gnocchi di nonna Alice, Thüringer Rostbratwurst

Customer ID: WELLI

Company: Wellington Importadora

Contact: Paula Parente

Products Bought: Outback Lager, Konbu, Spegesild, NuNuCa Nuß-Nougat-Creme, Chai, Zaanse koeken, Tunnbröd, Original Frankfurter grüne Soße, Filo Mix, Raclette Courdavault, Teatime Chocolate Biscuits, Röd Kaviar, Mishi Kobe Niku, Perth Pasties, Ipoh Coffee, Carnarvon Tigers

Customer ID: LONEP

Company: Lonesome Pine Restaurant

Contact: Fran Wilson

Products Bought: Manjimup Dried Apples, Perth Pasties, Gnocchi di nonna Alice, Chai, Raclette Courdavault, Laughing Lumberjack Lager, Guaraná Fantástica, Carnarvon Tigers, Queso Manchego La Pastora, Tarte au sucre, Scottish Longbreads, Rössle Sauerkraut, Lakkalikööri

Customer ID: SIMOB

Company: Simons bistro

Contact: Jytte Petersen

Products Bought: Manjimup Dried Apples, Raclette Courdavault, Nord-Ost Matjeshering, Original Frankfurter grüne Soße, Sirop d'érable, Scottish Longbreads, Geitost, Mozzarella di Giovanni, Sir Rodney's Scones, Pâté chinois, Spegesild, Côte de Blaye, Pavlova, Inlagd Sill, Tarte au sucre

Customer ID: GREAL

Company: Great Lakes Food Market

Contact: Howard Snyder

Products Bought: Tofu, Queso Cabrales, Wimmers gute Semmelknödel, Geitost, Thüringer Rostbratwurst, Camembert Pierrot, Mozzarella di Giovanni, Gula Malacca, Flotemysost, Gnocchi di nonna Alice, Teatime Chocolate Biscuits, Raclette Courdavault, Zaanse koeken, Steeleye Stout, Tarte au sucre, Inlagd Sill, Côte de Blaye, Outback Lager, Sir Rodney's Scones, Chai

Customer ID: WOLZA

Company: Wolski Zajazd

Contact: Zbyszek Piestrzeniewicz

Products Bought: Gorgonzola Telino, Chang, Guaraná Fantástica, Camembert Pierrot, Manjimup Dried Apples, Sirop d'érable, Tarte au sucre, Chai, Tourtière, Escargots de Bourgogne, Rhönbräu Klosterbier, Steeleye Stout, Longlife Tofu, Scottish Longbreads

Customer ID: HANAR

Company: Hanari Carnes

Contact: Mario Pontes

Products Bought: Carnarvon Tigers, Guaraná Fantástica, Côte de Blaye, Konbu, Scottish Longbreads, Maxilaku, Queso Cab

rales, Chartreuse verte, Louisiana Fiery Hot Pepper Sauce, Alice Mutton, Inlagd Sill, Gudbrandsdalsost, Sirop d'érable, Original Frankfurter grüne Soße, Gorgonzola Telino, Teatime Chocolate Biscuits, Filo Mix, Ikura, Manjimup Dried Apples, Gnocchi di nonna Alice, Flotemysost, Jack's New England Clam Chowder, Ipoh Coffee

Customer ID: LINOD

Company: LINO-Delicateses

Contact: Felipe Izquierdo

Products Bought: Rössle Sauerkraut, Escargots de Bourgogne, Steeleye Stout, Chartreuse verte, Tunnbröd, Pavlova, Boston Crab Meat, Inlagd Sill, Ravioli Angelo, Outback Lager, Pâté chinois, Sir Rodney's Scones, Chai, NuNuCa Nuß-Nougat-Creme, Maxilaku, Louisiana Fiery Hot Pepper Sauce, Carnarvon Tigers, Chang, Aniseed Syrup, Jack's New England Clam Chowder, Gorgonzola Telino, Camembert Pierrot, Mozzarella di Giovanni, Rogede sild, Valkoinen suklaa, Teatime Chocolate Biscuits

Customer ID: SAVEA

Company: Save-a-lot Markets

Contact: Jose Pavarotti

Products Bought: Ikura, Steeleye Stout, Raclette Courdavault, Zaanse koeken, Tarte au sucre, Inlagd Sill, Gudbrandsdalsost, Pavlova, Röd Kaviar, Guaraná Fantástica, Rhönbräu Klosterbier, Lakkalikööri, Gumbär Gummibärchen, Pâté chinois, Perth Pasties, Chang, Gustaf's Knäckebröd, Thüringer Rostbratwurst, Gravad lax, Gula Malacca, Scottish Longbreads, Mozzarella di Giovanni, Gorgonzola Telino, Teatime Chocolate Biscuits, Tourtière, Rogede sild, Manjimup Dried Apples, Gnocchi di nonna Alice, Boston Crab Meat, Rössle Sauerkraut, Ravioli Angelo, Alice Mutton, Tunnbröd, Konbu, Chai, Spegesild, Maxilaku, NuNuCa Nuß-Nougat-Creme, Sasquatch Ale, Tofu, Genen Shouyu, Wimmers gute Semmelknödel, Geitost, Queso Manchego La Pastora, Chef Anton's Gumbo Mix, Jack's New England Clam Chowder, Singaporean Hokkien Fried Mee, Sirop d'érable, Camembert Pierrot, Uncle Bob's Organic Dried Pears, Escargots de Bourgogne, Vegie-spread, Flotemysost

Customer ID: FAMIA

Company: Familia Arquibaldo

Contact: Aria Cruz

Products Bought: Pâté chinois, NuNuCa Nuß-Nougat-Creme, Sasquatch Ale, Spegesild, Guaraná Fantástica, Rhönbräu Klosterbier, Zaanse koeken, Chartreuse verte, Boston Crab Meat, Filo Mix, Tourtière, Teatime Chocolate Biscuits, Camembert Pierrot, Nord-Ost Matjeshering, Geitost, Jack's New England Clam Chowder, Perth Pasties

Customer ID: REGGC

Company: Reggiani Caseifici

Contact: Maurizio Moroni

Products Bought: Original Frankfurter grüne Soße, Uncle Bob's Organic Dried Pears, Gorgonzola Telino, Tourtière, Filo Mix, Gnocchi di nonna Alice, Perth Pasties, Raclette Courdavault, Geitost, Jack's New England Clam Chowder, Scottish Longbreads, Mozzarella di Giovanni, Guaraná Fantástica, Outback Lager, Spegesild, Maxilaku, Queso Cabrales, Rössle Sauerkraut, Tarte au sucre, Alice Mutton

Customer ID: TORTU

Company: Tortuga Restaurante

Contact: Miguel Angel Paolino

Products Bought: Queso Cabrales, Chai, Maxilaku, Côte de Blaye, Konbu, Outback Lager, Guaraná Fantástica, Lakkalikööri, Alice Mutton, Rössle Sauerkraut, Rhönbräu Klosterbier, Chartreuse verte, Flotemysost, Ikura, Teatime Chocolate Biscuits, Tourtière, Raclette Courdavault, Gorgonzola Telino, Gula Malacca, Veggie-spread, Ipoh Coffee, Carnarvon Tigers, Geitost, Scottish Longbreads

Customer ID: OTTIK

Company: Ottilies Käseladen

Contact: Henriette Pfalzheim

Products Bought: Ravioli Angelo, Gudbrandsdalsost, Ikura, Manjimup Dried Apples, Flotemysost, Uncle Bob's Organic Dried Pears, Gorgonzola Telino, Jack's New England Clam Chowder, Chang, Camembert Pierrot, Scottish Longbreads, Original Frankfurter grüne Soße, Perth Pasties, Queso Cabrales, Tofu, Louisiana Fiery Hot Pepper Sauce, Konbu, Outback Lager, Tarte au sucre, Pavlova, Tunnbröd, Boston Crab Meat, Chartreuse verte, Zaanse koeken

Customer ID: AROUT

Company: Around the Horn

Contact: Thomas Hardy

Products Bought: Konbu, Sir Rodney's Marmalade, Guaraná Fantástica, Spegesild, Chang, Gustaf's Knäckebröd, Pâté chinois, Chocolate, Zaanse koeken, Outback Lager, Steeleye Stout, Ravioli Angelo, Inlagd Sill, Gorgonzola Telino, Camembert Pierrot, Laughing Lumberjack Lager, Valkoinen suklaa, Manjimup Dried Apples, Filo Mix, Gnocchi di nonna Alice, Flotemysost, Röd Kaviar, Perth Pasties, Jack's New England Clam Chowder

Customer ID: GALED

Company: Galería del gastrónomo

Contact: Eduardo Saavedra

Products Bought: Lakkalikööri, Original Frankfurter grüne Soße, Wimmers gute Semmelknödel, Zaanse koeken, Louisiana Fiery Hot Pepper Sauce, Ikura, NuNuCa Nuß-Nougat-Creme, Gnocchi di nonna Alice

Customer ID: FOLKO

Company: Folk och fä HB

Contact: Maria Larsson

Products Bought: Thüringer Rostbratwurst, Chang, Gustaf's Knäckebröd, Chef Anton's Cajun Seasoning, Spegesild, Scottish Longbreads, Chartreuse verte, Tunnbröd, Uncle Bob's Organic Dried Pears, Sirop d'érable, Flotemysost, Röd Kaviar, Escargots de Bourgogne, Raclette Courdavault, Veggie-spread, Jack's New England Clam Chowder, Outback Lager, Pâté chinois, Queso Cabrales, Zaanse koeken, Tarte au sucre, Rhönbräu Klosterbier, Lakkalikööri, Nord-Ost Matjeshering, Gorgonzola Telino, Gula Malacca, Louisiana Hot Spiced Okra, Manjimup Dried Apples, Gnocchi di nonna Alice, Mozzarella di Giovanni

Customer ID: TRADH

Company: Tradição Hipermercados

Contact: Anabela Domingues

Products Bought: Nord-Ost Matjeshering, Thüringer Rostbratwurst, Gorgonzola Telino, Sir Rodney's Marmalade, Grandma's Boysenberry Spread, Chartreuse verte, Chef Anton's Cajun Seasoning, Tarte au sucre, Escargots de Bourgogne, Scottish Longbreads, Pâté chinois, Mozzarella di Giovanni, Camembert Pierrot

Customer ID: SEVES

Company: Seven Seas Imports

Contact: Hari Kumar

Products Bought: Guaraná Fantástica, Gravad lax, Jack's New England Clam Chowder, Scottish Longbreads, Perth Pasties, Rogede sild, Ikura, Manjimup Dried Apples, Filo Mix, Tourtière, Gorgonzola Telino, Camembert Pierrot, Tunnbröd, Pavlova, Alice Mutton, Inlagd Sill, Rössle Sauerkraut, Chartreuse verte, Queso Cabrales, Chai, Maxilaku, Mascarpone Fabiol i, Sir Rodney's Marmalade

Customer ID: FRANR

Company: France restauration

Contact: Carine Schmitt

Products Bought: Manjimup Dried Apples, Pavlova, Louisiana Fiery Hot Pepper Sauce, Thüringer Rostbratwurst, Tarte au sucre, Lakkalikööri

Customer ID: BOLID

Company: Bólido Comidas preparadas

Contact: Martín Sommer

Products Bought: Filo Mix, Ravioli Angelo, Chef Anton's Cajun Seasoning, Alice Mutton, Thüringer Rostbratwurst, Rhönb rä u Klosterbier

Customer ID: BSBEV

Company: B's Beverages

Contact: Victoria Ashworth

Products Bought: Boston Crab Meat, Ravioli Angelo, Steeleye Stout, Tarte au sucre, Spegesild, Konbu, Outback Lager, Sir Rodney's Scones, Maxilaku, Wimmers gute Semmelknödel, Ipoh Coffee, Aniseed Syrup, Gustaf's Knäckebröd, Uncle Bob's Organic Dried Pears, Geitost, Mozzarella di Giovanni, Manjimup Dried Apples, Gnocchi di nonna Alice, Raclette Courdav ault

Customer ID: FOLIG

Company: Folies gourmandes

Contact: Martine Rancé

Products Bought: Zaanse koeken, Tourtière, Vegie-spread, Manjimup Dried Apples, Raclette Courdavault, Uncle Bob's Organic Dried Pears, Gravad lax, Gustaf's Knäckebröd, Scottish Longbreads, Carnarvon Tigers, Sir Rodney's Scones, Guaraná Fantástica, Tarte au sucre, Rhönbräu Klosterbier, Steeleye Stout

Customer ID: FRANS

Company: Franchi S.p.A.

Contact: Paolo Accorti

Products Bought: Camembert Pierrot, Original Frankfurter grüne Soße, Rogede sild, Manjimup Dried Apples, Teatime Chocolate Biscuits, Gumbär Gummibärchen, Zaanse koeken, Longlife Tofu, Boston Crab Meat, Carnarvon Tigers

Customer ID: KOENE

Company: Königlich Essen

Contact: Philip Cramer

Products Bought: Nord-Ost Matjeshering, Gorgonzola Telino, Tourtière, Ipoh Coffee, Thüringer Rostbratwurst, Aniseed Syrup, Côte de Blaye, Outback Lager, Mozzarella di Giovanni, Guaraná Fantástica, Pâté chinois, Queso Cabrales, Gumbär Gummibärchen, Sir Rodney's Scones, Pavlova, Tarte au sucre, Inlagd Sill, Lakkalikööri, Raclette Courdavault, Queso Manchego La Pastora, Northwoods Cranberry Sauce, Konbu, Tofu, Genen Shouyu, Maxilaku, NuNuCa Nuß-Nougat-Creme, Grandma's Boysenberry Spread, Chartreuse verte, Boston Crab Meat

Customer ID: MAGAA

Company: Magazzini Alimentari Riuniti

Contact: Giovanni Rovelli

Products Bought: Boston Crab Meat, Chartreuse verte, Louisiana Hot Spiced Okra, Inlagd Sill, Guaraná Fantástica, Chef Anton's Cajun Seasoning, Mascarpone Fabioli, Maxilaku, Gumbär Gummibärchen, NuNuCa Nuß-Nougat-Creme, Jack's New England Clam Chowder, Chang, Gustaf's Knäckebröd, Chef Anton's Gumbo Mix, Scottish Longbreads, Singaporean Hokkien Fried Mee, Mozzarella di Giovanni, Laughing Lumberjack Lager, Raclette Courdavault

Customer ID: BERGS

Company: Berglunds snabbköp

Contact: Christina Berglund

Products Bought: Rössle Sauerkraut, Teatime Chocolate Biscuits, Tourtière, Gula Malacca, Nord-Ost Matjeshering, Aniseed Syrup, Chang, Thüringer Rostbratwurst, Ipoh Coffee, Perth Pasties, Gumbär Gummibärchen, Pâté chinois, Guaraná Fantástica, Sir Rodney's Marmalade, Côte de Blaye, Rhönbräu Klosterbier, Lakkalikööri, Pavlova, Steeleye Stout, Zaanse koeken, Vegie-spread, Ikura, Filo Mix, Raclette Courdavault, Flotemysost, Röd Kaviar, Camembert Pierrot, Jack's New England Clam Chowder, Maxilaku, Chai, Tofu, Chef Anton's Cajun Seasoning, Konbu, Alice Mutton, Mascarpone Fabioli, Boston Crab Meat, Chartreuse verte

Customer ID: SANTG

Company: Santé Gourmet

Contact: Jonas Bergulfsen

Products Bought: Côte de Blaye, Jack's New England Clam Chowder, Carnarvon Tigers, Ipoh Coffee, Perth Pasties, Teatime Chocolate Biscuits, Raclette Courdavault, Flotemysost, Uncle Bob's Organic Dried Pears, Nord-Ost Matjeshering, Original Frankfurter grüne Soße, Pavlova, Steeleye Stout, Rössle Sauerkraut, Guaraná Fantástica

Customer ID: LETSS

Company: Let's Stop N Shop

Contact: Jaime Yorres

Products Bought: Genen Shouyu, Sir Rodney's Scones, Gnocchi di nonna Alice, Tourtière, Nord-Ost Matjeshering, Louisiana Fiery Hot Pepper Sauce, Original Frankfurter grüne Soße, Sirop d'érable, Carnarvon Tigers, Rhönbräu Klosterbier

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In [15]: # terminating connection to cluster  
myclient.close()
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