```
country total_orders
            0
                      IISA
                                    122
                  Germany
                                    122
             1
            2
                  Brazil
                                     83
                                     77
            3
                  France
            4
                      UK
                                     56
             5
               Venezuela
                                     46
            6
                  Austria
                                     40
                   Sweden
                                     37
            7
            8
                   Canada
                                     30
            9
                  Mexico
                                     28
  --- LEFT JOIN: Customers and their order count ---
                       companyName order count
  0
               Save-a-lot Markets
  1
                      Ernst Handel
                                              30
  2
                        OUICK-Stop
                                              28
     Hungry Owl All-Night Grocers
  3
                                              19
                    Folk och fä HB
  4
                                              19
       Rattlesnake Canyon Grocery
  5
                                              18
  6
                 HILARION-Abastos
                                              18
               Berglunds snabbköp
  7
                                              18
                          Bon app'
  8
                                              17
  9
                    Wartian Herkku
                                              15
--- RIGHT JOIN simulated: Orders with customer info ---
  orderID
                           companyName
                                         orderDate
           Vins et alcools Chevalier
    10248
                                        2013-07-04
                   Toms Spezialitäten 2013-07-05
     10249
    10250
                         Hanari Carnes
                                        2013-07-08
    10251
                 Victuailles en stock 2013-07-08
    10252
                     Suprêmes délices 2013-07-09
                         Hanari Carnes 2013-07-10
    10253
    10254
                    Chop-suey Chinese 2013-07-11
                   Richter Supermarkt
    10255
                                        2013-07-12
    10256
               Wellington Importadora
                                       2013-07-15
                     HILARION-Abastos
    10257
                                        2013-07-16
   --- Customers with above-average order count ---
                        companyName total orders
   0
                 Save-a-lot Markets
                                                31
   1
                       Ernst Handel
                                                30
   2
                         QUICK-Stop
                                                28
                     Folk och fä HB
   3
                                                19
      Hungry Owl All-Night Grocers
   4
                                                19
   5
                Berglunds snabbköp
                                                18
                   HILARION-Abastos
   6
                                                18
   7
        Rattlesnake Canyon Grocery
                                                18
                           Bon app'
                                                17
   8
   9
                     Frankenversand
                                                15
```

0

1 2

3

4

5

6

7

8

9

--- Total orders per country ---

```
--- Freight analysis per country ---
         country avg freight total freight
         Austria
                   184.787500
  0
                                      7391.50
  1
         Ireland
                   145.012632
                                      2755.24
  2
             USA
                   112.879426
                                     13771.29
  3
         Germany
                    92.485902
                                     11283.28
  4
          Sweden
                    87.502703
                                      3237.60
  5
         Denmark
                    77.566111
                                      1396.19
     Switzerland
  6
                    76.029444
                                      1368.53
  7
          Canada
                    73.269667
                                      2198.09
  8
         Belgium
                    67.375789
                                      1280.14
  9
       Venezuela
                    59,460435
                                      2735.18
--- Customers who never placed an order ---
                             companyName country
0 FISSA Fabrica Inter. Salchichas S.A.
                                           Spain
                      Paris spécialités France
       --- Number of orders per city ---
                     city total_orders
       0
                   London
                                     46
          Rio de Janeiro
       1
                                     34
       2
               Sao Paulo
                                     31
       3
                    Boise
                                     31
       4
                    Graz
                                     30
       5
             Mexico City
                                     28
               Cunewalde
                                     28
       6
       7
                    Cork
                                     19
                   Bräcke
       8
                                     19
           San Cristóbal
       9
                                     18
--- Top 5 customers by total freight paid ---
                     companyName total freight
0
             Save-a-lot Markets
                                        6683.70
1
                    Ernst Handel
                                        6205.39
2
                      QUICK-Stop
                                        5605.63
3
   Hungry Owl All-Night Grocers
                                        2755.24
     Rattlesnake Canyon Grocery
                                        2134.21
--- Orders shipped later than required date ---
  orderID
             orderDate requiredDate shippedDate
    10264 2013-07-24
                         2013-08-21 2013-08-23
    10271 2013-08-01
                         2013-08-29 2013-08-30
    10280
            2013-08-14
                         2013-09-11
                                     2013-09-12
    10302 2013-09-10
                         2013-10-08
                                     2013-10-09
    10309
           2013-09-19
                         2013-10-17
                                     2013-10-23
    10320
            2013-10-03
                         2013-10-17
                                     2013-10-18
    10380 2013-12-12
                         2014-01-09
                                     2014-01-16
    10423 2014-01-23
                         2014-02-06
                                     2014-02-24
    10427
            2014-01-27
                         2014-02-24
                                     2014-03-03
    10433 2014-02-03
                         2014-03-03 2014-03-04
```

0

1

2

3

4

5

6

7

8

9

```
--- Monthly order counts (year and month) ---
   year month order_count
   2013
           07
0
                         22
1 2013
            98
                         25
 2 2013
            09
                         23
3 2013
           10
                         26
4
   2013
           11
                         25
5 2013
           12
                         31
6 2014
                         33
           01
7 2014
                         29
            02
8 2014
            03
                         30
9 2014
            04
                         31
 --- Countries with most late deliveries ---
      country late orders
 0
          USA
 1
           UK
                         4
 2
      Germany
                         4
 3
       Sweden
                         3
      Ireland
 4
                         3
 5
       France
                         3
                         3
 6
       Brazil
                         2
 7
    Venezuela
                         2
        Italy
 8
 9
        Spain
                         1
--- Customer with longest shipping delay ---
          companyName orderID shipping_days
 Gourmet Lanchonetes
                         10777
                                          37.0
   --- Average freight cost by employee ---
     employeeID avg_freight
  0
              5
                   93.302619
              7
                    92.575556
  1
  2
              2
                   90.587604
   3
              3
                    85.706614
  4
              9
                   77.354884
  5
              4
                   72.731667
  6
              8
                   71.998846
  7
              1
                   71.842602
```

56.424925