

Các table cần thiết để xây dựng Data Warehouse trên server staging

```
Time taken: 0.473 seconds
hive> show tables;
OK
stg_customers
stg_date
stg_employees
stg_order_details
stg_orders
stg_products
Time taken: 0.099 seconds, Fetched: 6 row(s)
hive>
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Dữ liệu sau khi đã staging

Table Stg_Customers

hive> select * from stg_customers;																			
1	Company A	Bedece Anna	null	Owner	(123)555-0100	null	null	(123)555-0101	123 1st Street	Seattle WA	99999	USA	null	null					
2	Company B	Gratacos Solsona	Antonio	null	Owner	(123)555-0100	null	null	(123)555-0101	123 2nd Street	Boston MA	99999	USA	null	null				
3	Company C	Asen Thomas	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	123 3rd Street	Los Angeles	CA	99999	USA	null	null				
4	Company D	Lee Christina	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 4th Street	New York	NY	99999	USA	null	null				
5	Company E	Ole'Donnell Martin	null	Owner	(123)555-0100	null	null	(123)555-0101	123 5th Street	Minneapolis	MI	99999	USA	null	null				
6	Company F	Pábrez-Olaeta Francisco	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 6th Street	Milwaukee	WI	99999	USA	null	null				
7	Company G	Xie Ming-Yang	null	Owner	(123)555-0100	null	null	(123)555-0101	123 7th Street	Boise ID	99999	USA	null	null					
8	Company H	Andersen Elizabeth	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	123 8th Street	Portland	OR	99999	USA	null	null				
9	Company I	Mortensen Sven	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 9th Street	Salt Lake City	UT	99999	USA	null	null				
10	Company J	Wacker Roland	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 10th Street	Chicago IL	99999	USA	null	null					
11	Company K	Krschne Peter	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 11th Street	Miami FL	99999	USA	null	null					
12	Company L	Edwards John	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	123 12th Street	Las Vegas	NV	99999	USA	null	null				
13	Company M	Ludick Andre	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	456 13th Street	Memphis TN	99999	USA	null	null					
14	Company N	Grillo Carlos	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	456 14th Street	Denver CO	99999	USA	null	null					
15	Company O	Kupkova Helena	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	456 15th Street	Honolulu HI	99999	USA	null	null					
16	Company P	Goldschmidt Daniel	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	456 16th Street	San Francisco CA	99999	USA	null	null					
17	Company Q	Bagel Jean Philippe	null	Owner	(123)555-0100	null	null	(123)555-0101	456 17th Street	Seattle WA	99999	USA	null	null					
18	Company R	Auzier Miceni Catherine	null	Purchasing Representative	(123)555-0100	null	null	(123)555-0101	456 18th Street	Boston MA	99999	USA	null	null					
19	Company S	Eggerer Alexander	null	Accounting Assistant	(123)555-0100	null	null	(123)555-0101	789 19th Street	Los Angeles CA	99999	USA	null	null					
20	Company T	Li George	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 20th Street	New York NY	99999	USA	null	null					
21	Company U	Tham Bernard	null	Accounting Manager	(123)555-0100	null	null	(123)555-0101	789 21th Street	Minneapolis MI	99999	USA	null	null					
22	Company V	Ramos Luciana	null	Purchasing Assistant	(123)555-0100	null	null	(123)555-0101	789 22th Street	Milwaukee WI	99999	USA	null	null					
23	Company W	Entin Michael	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 23th Street	Portland OR	99999	USA	null	null					
24	Company X	Hasselberg Jonas	null	Owner	(123)555-0100	null	null	(123)555-0101	789 24th Street	Salt Lake City UT	99999	USA	null	null					
25	Company Y	Rodman John	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 25th Street	Chicago IL	99999	USA	null	null					
26	Company Z	Li Run	null	Accounting Assistant	(123)555-0100	null	null	(123)555-0101	789 26th Street	Miami FL	99999	USA	null	null					
27	Company AA	Toh Kenneth	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 27th Street	Las Vegas NV	99999	USA	null	null					
28	Company BB	Raghav Amitansh	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 28th Street	Memphis TN	99999	USA	null	null					
29	Company CC	Lee Soo Jung	null	Purchasing Manager	(123)555-0100	null	null	(123)555-0101	789 29th Street	Denver CO	99999	USA	null	null					

Table stg_date

hive> select * from stg_date;																				
20060101	2006-01-01	2006/01/01	01/01/2006	01/01/2006	1	Sunday	1	1	Weekend 52	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060102	2006-01-02	2006/01/02	02/01/2006	02/01/2006	2	Monday	2	2	Weekday 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060103	2006-01-03	2006/01/03	03/01/2006	03/01/2006	3	Tuesday	3	3	Weekday 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060104	2006-01-04	2006/01/04	04/01/2006	04/01/2006	4	Wednesday	4	4	Weekday 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060105	2006-01-05	2006/01/05	05/01/2006	05/01/2006	5	Thursday	5	5	Weekday 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060106	2006-01-06	2006/01/06	06/01/2006	06/01/2006	6	Friday	6	6	Weekday 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060107	2006-01-07	2006/01/07	07/01/2006	07/01/2006	7	Saturday	7	7	Weekend 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060108	2006-01-08	2006/01/08	08/01/2006	08/01/2006	1	Sunday	8	8	Weekend 1	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060109	2006-01-09	2006/01/09	09/01/2006	09/01/2006	2	Monday	9	9	Weekday 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060110	2006-01-10	2006/01/10	10/01/2006	10/01/2006	3	Tuesday	10	10	Weekday 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060111	2006-01-11	2006/01/11	11/01/2006	11/01/2006	4	Wednesday	11	11	Weekday 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060112	2006-01-12	2006/01/12	12/01/2006	12/01/2006	5	Thursday	12	12	Weekday 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060113	2006-01-13	2006/01/13	13/01/2006	13/01/2006	6	Friday	13	13	Weekday 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060114	2006-01-14	2006/01/14	14/01/2006	14/01/2006	7	Saturday	14	14	Weekend 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060115	2006-01-15	2006/01/15	15/01/2006	15/01/2006	1	Sunday	15	15	Weekend 2	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060116	2006-01-16	2006/01/16	16/01/2006	16/01/2006	2	Monday	16	16	Weekday 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060117	2006-01-17	2006/01/17	17/01/2006	17/01/2006	3	Tuesday	17	17	Weekday 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060118	2006-01-18	2006/01/18	18/01/2006	18/01/2006	4	Wednesday	18	18	Weekday 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060119	2006-01-19	2006/01/19	19/01/2006	19/01/2006	5	Thursday	19	19	Weekday 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060120	2006-01-20	2006/01/20	20/01/2006	20/01/2006	6	Friday	20	20	Weekday 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060121	2006-01-21	2006/01/21	21/01/2006	21/01/2006	7	Saturday	21	21	Weekend 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060122	2006-01-22	2006/01/22	22/01/2006	22/01/2006	1	Sunday	22	22	Weekend 3	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060123	2006-01-23	2006/01/23	23/01/2006	23/01/2006	2	Monday	23	23	Weekday 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060124	2006-01-24	2006/01/24	24/01/2006	24/01/2006	3	Tuesday	24	24	Weekday 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060125	2006-01-25	2006/01/25	25/01/2006	25/01/2006	4	Wednesday	25	25	Weekday 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060126	2006-01-26	2006/01/26	26/01/2006	26/01/2006	5	Thursday	26	26	Weekday 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060127	2006-01-27	2006/01/27	27/01/2006	27/01/2006	6	Friday	27	27	Weekday 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060128	2006-01-28	2006/01/28	28/01/2006	28/01/2006	7	Saturday	28	28	Weekend 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060129	2006-01-29	2006/01/29	29/01/2006	29/01/2006	1	Sunday	29	29	Weekend 4	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060130	2006-01-30	2006/01/30	30/01/2006	30/01/2006	2	Monday	30	30	Weekday 5	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060131	2006-01-31	2006/01/31	31/01/2006	31/01/2006	3	Tuesday	31	31	Weekday 5	January 1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3
20060201	2006-02-01	2006/02/01	02/01/2006	01/02/2006	4	Wednesday	1	32	Weekday 5	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060202	2006-02-02	2006/02/02	02/02/2006	02/02/2006	5	Thursday	2	33	Weekday 5	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060203	2006-02-03	2006/02/03	03/02/2006	03/02/2006	6	Friday	3	34	Weekday 5	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060204	2006-02-04	2006/02/04	04/02/2006	04/02/2006	7	Saturday	4	35	Weekend 5	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060205	2006-02-05	2006/02/05	05/02/2006	05/02/2006	1	Sunday	5	36	Weekend 5	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060206	2006-02-06	2006/02/06	06/02/2006	06/02/2006	2	Monday	6	37	Weekday 6	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060207	2006-02-07	2006/02/07	07/02/2006	07/02/2006	3	Tuesday	7	38	Weekday 6	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060208	2006-02-08	2006/02/08	08/02/2006	08/02/2006	4	Wednesday	8	39	Weekday 6	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4
20060209	2006-02-09	2006/02/09	09/02/2006	09/02/2006	5	Thursday	9	40	Weekday 6	February 2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4

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hive> select * from stg_employees;
OK
1      Northwind Traders      Freehafer      Nancy      nancy@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 1st Avenue      Seattle WA      99999      USA      http://northwindtraders.com#
2      Northwind Traders      Cencini Andrew      andrew@northwindtraders.com      Vice President, Sales      (123)555-0100      (123)555-0102      null      (123)555-0103      123 2nd Avenue      Bellevue      WA      99999      USA      http://northwindtraders.com#http://northwindtraders.com#
3      Northwind Traders      Kotas      Jan      jan@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 3rd Avenue      Redmond WA      99999      USA      http://northwindtraders.com#
4      Northwind Traders      Sergienko      Mariya      mariya@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 4th Avenue      Kirkland      WA      99999      USA      http://northwindtraders.com#http://northwindtraders.com#
5      Northwind Traders      Thorpe Steven      steven@northwindtraders.com      Sales Manager      (123)555-0100      (123)555-0102      null      (123)555-0103      123 5th Avenue      Seattle WA      99999      USA      http://northwindtraders.com#
6      Northwind Traders      Weisser Michael      michael@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 6th Avenue      Redmond WA      99999      USA      http://northwindtraders.com#
7      Northwind Traders      Zane Robert      robert@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 7th Avenue      Seattle WA      99999      USA      http://northwindtraders.com#
8      Northwind Traders      Glissani      Laura      laura@northwindtraders.com      Sales Coordinator      (123)555-0100      (123)555-0102      null      (123)555-0103      123 8th Avenue      Redmond WA      99999      USA      http://northwindtraders.com#
9      Northwind Traders      Heilung-Larsen Anne      anna@northwindtraders.com      Sales Representative      (123)555-0100      (123)555-0102      null      (123)555-0103      123 9th Avenue      Seattle WA      99999      USA      http://northwindtraders.com#
Time taken: 0.294 seconds, Fetched: 1 row(s)

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Table Order_details

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hive> select * from stg_order_details;
OK
27      30      34      100.0      14.0      0.0      2      null      96      83
28      30      80      30.0      3.5      0.0      2      null      NULL      63
29      31      7      10.0      30.0      0.0      2      null      NULL      64
30      31      51      10.0      53.0      0.0      2      null      NULL      65
31      31      80      10.0      3.5      0.0      2      null      NULL      66
32      32      1      15.0      18.0      0.0      2      null      NULL      67
33      32      43      20.0      46.0      0.0      2      null      NULL      68
34      33      19      30.0      9.2      0.0      2      null      97      81
35      34      19      20.0      9.2      0.0      2      null      NULL      69
36      35      48      10.0      12.75      0.0      2      null      NULL      70
37      36      41      200.0      9.65      0.0      2      null      98      79
38      37      8      17.0      40.0      0.0      2      null      NULL      71
39      38      43      300.0      46.0      0.0      2      null      99      77
40      39      40      100.0      12.75      0.0      2      null      100      75
41      40      81      200.0      2.99      0.0      2      null      101      73
42      41      43      300.0      46.0      0.0      1      null      102      104
43      42      6      10.0      25.0      0.0      2      null      NULL      84
44      42      4      10.0      22.0      0.0      2      null      NULL      85
45      42      19      10.0      9.2      0.0      2      null      103      110
46      43      80      20.0      3.5      0.0      1      null      NULL      86
47      43      81      50.0      2.99      0.0      1      null      NULL      87
48      44      1      25.0      18.0      0.0      1      null      NULL      88
49      44      43      25.0      46.0      0.0      1      null      NULL      89
50      44      81      25.0      2.99      0.0      1      null      NULL      90
51      45      41      50.0      9.65      0.0      2      null      104      116
52      45      40      50.0      18.4      0.0      2      null      NULL      91
53      46      57      100.0      19.5      0.0      2      null      105      101
54      46      72      50.0      34.8      0.0      2      null      106      114
55      47      34      300.0      14.0      0.0      2      null      107      108
56      48      8      25.0      40.0      0.0      2      null      108      106
57      48      19      25.0      9.2      0.0      2      null      109      112
59      50      21      20.0      10.0      0.0      2      null      NULL      92
60      51      5      25.0      21.35      0.0      2      null      NULL      93
61      51      41      30.0      9.65      0.0      2      null      NULL      94

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Table Products

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hive> select * from stg_products;
OK
4      1      NMTB-1      Northwind Traders      Chai      null      13.5      18.0      10      40      10 boxes x 20 bags      false      10      Beverages
10      3      NMTCO-3      Northwind Traders      Syrup      null      7.5      10.0      25      100      12 - 550 ml bottles      false      25      Condiments
10      4      NMTCO-4      Northwind Traders      Cajun Seasoning      null      16.5      22.0      10      40      48 - 6 oz jars      false      10      Condiments
10      5      NMTO-5      Northwind Traders      Olive Oil      null      16.0125      21.35      10      40      36 boxes      false      10      Oil
2;6      6      NMTJP-6      Northwind Traders      Boysenberry Spread      null      18.75      25.0      25      100      12 - 8 oz jars      false      25      Jams, Preserves
2      7      NMTDFN-7      Northwind Traders      Dried Pears      null      22.5      30.0      10      40      12 - 1 lb pkgs.      false      10      Dried Fruit & Nuts
8      8      NMTS-8      Northwind Traders      Curry Sauce      null      30.0      40.0      10      40      12 - 12 oz jars      false      10      Sauces
2;6      14      NMTDFN-14      Northwind Traders      Walnuts      null      17.4375      23.25      10      40      40 - 100 g pkgs.      false      10      Dried Fruit & Nuts
6      17      NMTCFV-17      Northwind Traders      Fruit Cocktail      null      29.25      39.0      10      40      15.25 OZ      false      10      Canned Fruit & Vegetables
1      19      NMTBGM-19      Northwind Traders      Chocolate Biscuits Mix      null      6.9      9.2      5      20      10 boxes x 12 pieces      false      5      Baked Goods & Mixes
2;6      20      NMTJP-6      Northwind Traders      Marmalade      null      60.75      81.0      10      40      30 gift boxes      false      10      Jams, Preserves
1      21      NMTBGM-21      Northwind Traders      Scones      null      7.5      10.0      5      20      24 pkgs. x 4 pieces      false      5      Baked Goods & Mixes
4      34      NMTB-34      Northwind Traders      Beer      null      10.5      14.0      15      60      24 - 12 oz bottles      false      15      Beverages
7      40      NMTCM-40      Northwind Traders      Crab Meat      null      13.8      18.4      30      120      24 - 4 oz tins      false      30      Canned Meat
6      41      NMTSO-41      Northwind Traders      Clam Chowder      null      7.2375      9.65      10      40      12 - 12 oz cans      false      10      Soups
3;4      43      NMTB-43      Northwind Traders      Coffee      null      34.5      46.0      25      100      16 - 500 g tins      false      25      Beverages
10      48      NMTCA-48      Northwind Traders      Chocolate      null      9.5625      12.75      25      100      10 pkgs      false      25      Candy
2      51      NMTDFN-51      Northwind Traders      Dried Apples      null      39.75      53.0      10      40      50 - 300 g pkgs.      false      10      Dried Fruit & Nuts
1      52      NMTG-52      Northwind Traders      Long Grain Rice      null      5.25      7.0      25      100      16 - 2 kg boxes      false      25      Grains
1      56      NMTJP-56      Northwind Traders      Gnocchi      null      28.5      38.0      30      120      24 - 250 g pkgs.      false      30      Pasta
1      57      NMTJP-57      Northwind Traders      Ravioli      null      14.625      19.5      20      80      24 - 250 g pkgs.      false      20      Pasta
8      65      NMTS-65      Northwind Traders      Hot Pepper Sauce      null      15.7875      21.05      10      40      32 - 8 oz bottles      false      10      Sauces
8      66      NMTS-66      Northwind Traders      Tomato Sauce      null      12.75      17.0      20      80      24 - 8 oz jars      false      20      Sauces
5      72      NMTD-72      Northwind Traders      Mozzarella      null      26.1      34.8      10      40      24 - 200 g pkgs.      false      10      Dairy products
2;6      74      NMTDFN-74      Northwind Traders      Almonds      null      7.5      10.0      5      20      5 kg pkg.      false      5      Dried Fruit & Nuts
10      77      NMTCO-77      Northwind Traders      Mustard      null      9.75      13.0      15      60      12 boxes      false      15      Condiments
2      80      NMTDFN-80      Northwind Traders      Dried Plums      null      3.0      3.5      50      75      1 lb bag      false      25      Dried Fruit & Nuts
3      81      NMTB-81      Northwind Traders      Green Tea      null      2.0      2.99      100      125      20 bags per box      false      25      Beverages
1      82      NMTC-82      Northwind Traders      Granola      null      2.0      4.0      20      100      null      false      NULL      Cereal
9      83      NMTCS-83      Northwind Traders      Potato Chips      null      0.5      1.8      30      200      null      false      NULL      Chips, Snacks
1      85      NMTBGM-85      Northwind Traders      Brownie Mix      null      9.0      12.49      10      20      3 boxes      false      5      Baked Goods & Mixes
1      86      NMTBGM-86      Northwind Traders      Cake Mix      null      10.5      15.99      10      20      4 boxes      false      5      Baked Goods & Mixes
7      87      NMTB-87      Northwind Traders      Tea      null      2.0      4.0      20      50      count per box      false      NULL      Beverages
6      88      NMTCFV-88      Northwind Traders      Pears      null      1.0      1.3      10      40      15.25 OZ      false      NULL      Canned Fruit & Vegetables
6      89      NMTCFV-89      Northwind Traders      Peaches      null      1.0      1.5      10      40      15.25 OZ      false      NULL      Canned Fruit & Vegetables
6      90      NMTCFV-90      Northwind Traders      Pineapple      null      1.0      1.8      10      40      15.25 OZ      false      NULL      Canned Fruit & Vegetables
6      91      NMTCFV-91      Northwind Traders      Cherry Pie Filling      null      1.0      2.0      10      40      15.25 OZ      false      NULL      Canned Fruit & Vegetables
6      92      NMTCFV-92      Northwind Traders      Green Beans      null      1.0      1.2      10      40      14.5 OZ      false      NULL      Canned Fruit & Vegetables
6      93      NMTCFV-93      Northwind Traders      Corn      null      1.0      1.2      10      40      14.5 OZ      false      NULL      Canned Fruit & Vegetables
6      94      NMTCFV-94      Northwind Traders      Peas      null      1.0      1.5      10      40      14.5 OZ      false      NULL      Canned Fruit & Vegetables
7      95      NMTCM-95      Northwind Traders      Tuna Fish      null      0.5      2.0      30      50      5 oz      false      NULL      Canned Meat
7      96      NMTCM-96      Northwind Traders      Smoked Salmon      null      2.0      4.0      30      50      5 oz      false      NULL      Canned Meat
1      97      NMTC-82      Northwind Traders      Hot Cereal      null      3.0      5.0      50      200      null      false      NULL      Cereal
6      98      NMTSO-98      Northwind Traders      Vegetable Soup      null      1.0      1.89      100      200      null      false      NULL      Soups
6      99      NMTSO-99      Northwind Traders      Chicken Soup      null      1.0      1.95      100      200      null      false      NULL      Soups
Time taken: 0.759 seconds, Fetched: 45 row(s)

```

Table Orders

hive> select * from stig_orders;														
30	9	27	2006-01-15 00:00:00.0	2006-01-22 00:00:00.0	2	Karen Toh	789 27th Street Las Vegas	NV	99999	USA	200.0	0.0	Check	2006-01-15 00:00:00.0 null 0.0 NULL 3
31	3	4	2006-01-20 00:00:00.0	2006-01-22 00:00:00.0	1	Christina Lee	123 4th Street New York	NY	99999	USA	5.0	0.0	Credit Card	2006-01-20 00:00:00.0 null 0.0 NULL 3
32	4	12	2006-01-22 00:00:00.0	2006-01-22 00:00:00.0	2	John Edwards	123 12th Street Las Vegas	NV	99999	USA	5.0	0.0	Credit Card	2006-01-22 00:00:00.0 null 0.0 NULL 3
33	6	8	2006-01-30 00:00:00.0	2006-01-31 00:00:00.0	3	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	50.0	0.0	Credit Card	2006-01-30 00:00:00.0 null 0.0 NULL
34	9	4	2006-02-06 00:00:00.0	2006-02-07 00:00:00.0	3	Christina Lee	123 4th Street New York	NY	99999	USA	4.0	0.0	Check	2006-02-06 00:00:00.0 null 0.0 NULL 3
35	3	29	2006-02-10 00:00:00.0	2006-02-12 00:00:00.0	2	Soo Jung Lee	789 29th Street Denver CO	99999	USA	7.0	0.0	Check	2006-02-10 00:00:00.0 null 0.0 NULL 3	
36	4	3	2006-02-23 00:00:00.0	2006-02-25 00:00:00.0	2	Thomas Axen	123 3rd Street Los Angeles	CA	99999	USA	7.0	0.0	Cash	2006-02-23 00:00:00.0 null 0.0 NULL 3
37	8	6	2006-03-06 00:00:00.0	2006-03-09 00:00:00.0	2	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	12.0	0.0	Credit Card	2006-03-06 00:00:00.0 null 0.0 NULL
38	9	28	2006-03-10 00:00:00.0	2006-03-11 00:00:00.0	3	Amitansh Raghav	789 28th Street Memphis TN	99999	USA	18.0	0.0	Check	2006-03-10 00:00:00.0 null 0.0 NULL 3	
39	3	8	2006-03-22 00:00:00.0	2006-03-24 00:00:00.0	3	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	5.0	0.0	Check	2006-03-22 00:00:00.0 null 0.0 NULL 3
40	4	10	2006-03-24 00:00:00.0	2006-03-24 00:00:00.0	2	Roland Macker	123 10th Street Chicago IL	99999	USA	9.0	0.0	Credit Card	2006-03-24 00:00:00.0 null 0.0 NULL 3	
41	1	7	2006-03-24 00:00:00.0	2006-03-24 00:00:00.0	1	Ming-Yang Xie	123 7th Street Boise ID	99999	USA	0.0	0.0	null	0.0 NULL 0	
42	1	10	2006-03-24 00:00:00.0	2006-04-07 00:00:00.0	1	Roland Macker	123 10th Street Chicago IL	99999	USA	0.0	0.0	null	0.0 NULL 2	
43	1	11	2006-03-24 00:00:00.0	2006-03-24 00:00:00.0	1	Peter Krschne	123 11th Street Miami FL	99999	USA	0.0	0.0	null	0.0 NULL 0	
44	1	1	2006-03-24 00:00:00.0	2006-03-24 00:00:00.0	1	Anna Bedecs	123 1st Street Seattle WA	99999	USA	0.0	0.0	null	0.0 NULL 0	
45	1	28	2006-04-07 00:00:00.0	2006-04-07 00:00:00.0	3	Amitansh Raghav	789 28th Street Memphis TN	99999	USA	48.0	0.0	Credit Card	2006-04-07 00:00:00.0 null 0.0 NULL 3	
46	7	9	2006-04-05 00:00:00.0	2006-04-05 00:00:00.0	1	Sven Mortensen	123 9th Street Salt Lake City UT	99999	USA	100.0	0.0	Check	2006-04-05 00:00:00.0 null 0.0 NULL 3	
47	6	6	2006-04-08 00:00:00.0	2006-04-08 00:00:00.0	2	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	300.0	0.0	Credit Card	2006-04-08 00:00:00.0 null 0.0 NULL
48	4	8	2006-04-05 00:00:00.0	2006-04-05 00:00:00.0	2	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	50.0	0.0	Check	2006-04-05 00:00:00.0 null 0.0 NULL 3
50	9	25	2006-04-05 00:00:00.0	2006-04-05 00:00:00.0	1	John Rodman	789 25th Street Chicago IL	99999	USA	5.0	0.0	Cash	2006-04-05 00:00:00.0 null 0.0 NULL 3	
51	9	26	2006-04-05 00:00:00.0	2006-04-05 00:00:00.0	3	Run Liu	789 26th Street Miami FL	99999	USA	68.0	0.0	Credit Card	2006-04-05 00:00:00.0 null 0.0 NULL 3	
55	1	29	2006-04-05 00:00:00.0	2006-04-05 00:00:00.0	2	Soo Jung Lee	789 29th Street Denver CO	99999	USA	200.0	0.0	Check	2006-04-05 00:00:00.0 null 0.0 NULL 3	
56	2	6	2006-04-03 00:00:00.0	2006-04-03 00:00:00.0	3	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	0.0	0.0	Check	2006-04-03 00:00:00.0 null 0.0 NULL 3
57	9	27	2006-04-22 00:00:00.0	2006-04-22 00:00:00.0	2	Karen Toh	789 27th Street Las Vegas	NV	99999	USA	200.0	0.0	Check	2006-04-22 00:00:00.0 null 0.0 NULL 0
58	3	4	2006-04-22 00:00:00.0	2006-04-22 00:00:00.0	1	Christina Lee	123 4th Street New York	NY	99999	USA	5.0	0.0	Credit Card	2006-04-22 00:00:00.0 null 0.0 NULL 3
59	4	12	2006-04-22 00:00:00.0	2006-04-22 00:00:00.0	2	John Edwards	123 12th Street Las Vegas	NV	99999	USA	5.0	0.0	Credit Card	2006-04-22 00:00:00.0 null 0.0 NULL 0
60	6	8	2006-04-30 00:00:00.0	2006-04-30 00:00:00.0	3	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	50.0	0.0	Credit Card	2006-04-30 00:00:00.0 null 0.0 NULL
61	9	4	2006-04-07 00:00:00.0	2006-04-07 00:00:00.0	3	Christina Lee	123 4th Street New York	NY	99999	USA	4.0	0.0	Check	2006-04-07 00:00:00.0 null 0.0 NULL 0
62	3	29	2006-04-12 00:00:00.0	2006-04-12 00:00:00.0	2	Soo Jung Lee	789 29th Street Denver CO	99999	USA	7.0	0.0	Check	2006-04-12 00:00:00.0 null 0.0 NULL 0	
63	4	3	2006-04-25 00:00:00.0	2006-04-25 00:00:00.0	2	Thomas Axen	123 3rd Street Los Angeles	CA	99999	USA	7.0	0.0	Cash	2006-04-25 00:00:00.0 null 0.0 NULL 3
64	8	6	2006-05-09 00:00:00.0	2006-05-09 00:00:00.0	2	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	12.0	0.0	Credit Card	2006-05-09 00:00:00.0 null 0.0 NULL
65	9	28	2006-05-11 00:00:00.0	2006-05-11 00:00:00.0	3	Amitansh Raghav	789 28th Street Memphis TN	99999	USA	18.0	0.0	Check	2006-05-11 00:00:00.0 null 0.0 NULL 0	
66	3	8	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	3	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	5.0	0.0	Check	2006-05-24 00:00:00.0 null 0.0 NULL 0
67	4	10	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	2	Roland Macker	123 10th Street Chicago IL	99999	USA	9.0	0.0	Credit Card	2006-05-24 00:00:00.0 null 0.0 NULL 3	
68	1	7	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	1	Ming-Yang Xie	123 7th Street Boise ID	99999	USA	0.0	0.0	null	0.0 NULL 0	
69	1	10	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	1	Roland Macker	123 10th Street Chicago IL	99999	USA	0.0	0.0	null	0.0 NULL 0	
70	1	11	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	1	Peter Krschne	123 11th Street Miami FL	99999	USA	0.0	0.0	null	0.0 NULL 0	
71	1	1	2006-05-24 00:00:00.0	2006-05-24 00:00:00.0	1	Anna Bedecs	123 1st Street Seattle WA	99999	USA	0.0	0.0	null	0.0 NULL 0	
72	1	28	2006-06-07 00:00:00.0	2006-06-07 00:00:00.0	3	Amitansh Raghav	789 28th Street Memphis TN	99999	USA	48.0	0.0	Credit Card	2006-06-07 00:00:00.0 null 0.0 NULL 3	
73	7	9	2006-06-05 00:00:00.0	2006-06-05 00:00:00.0	1	Sven Mortensen	123 9th Street Salt Lake City UT	99999	USA	100.0	0.0	Check	2006-06-05 00:00:00.0 null 0.0 NULL 3	
74	6	6	2006-06-08 00:00:00.0	2006-06-08 00:00:00.0	2	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	300.0	0.0	Credit Card	2006-06-08 00:00:00.0 null 0.0 NULL
75	4	8	2006-06-05 00:00:00.0	2006-06-05 00:00:00.0	2	Elizabeth Andersen	123 8th Street Portland	OR	99999	USA	50.0	0.0	Check	2006-06-05 00:00:00.0 null 0.0 NULL 3
76	9	25	2006-06-05 00:00:00.0	2006-06-05 00:00:00.0	1	John Rodman	789 25th Street Chicago IL	99999	USA	5.0	0.0	Cash	2006-06-05 00:00:00.0 null 0.0 NULL 3	
77	9	26	2006-06-05 00:00:00.0	2006-06-05 00:00:00.0	3	Run Liu	789 26th Street Miami FL	99999	USA	68.0	0.0	Credit Card	2006-06-05 00:00:00.0 null 0.0 NULL 3	
78	1	29	2006-06-05 00:00:00.0	2006-06-05 00:00:00.0	2	Soo Jung Lee	789 29th Street Denver CO	99999	USA	200.0	0.0	Check	2006-06-05 00:00:00.0 null 0.0 NULL 3	
79	2	6	2006-06-23 00:00:00.0	2006-06-23 00:00:00.0	3	Francisco PáDrez-Olaeta	123 6th Street Milwaukee	WI	99999	USA	0.0	0.0	Check	2006-06-23 00:00:00.0 null 0.0 NULL 3

Load dữ liệu vào server DataWarehouse

Load Fact_orders

```
hive> select * from fact_order;
OK
12      1      4      32      2006-01-22 00:00:00      2006-01-22 00:00:00      15      18.0      0.0      270.0
12      1      4      32      2006-01-22 00:00:00      2006-01-22 00:00:00      15      18.0      0.0      270.0
1        1      1      44      2006-03-24 00:00:00      NULL      25      18.0      0.0      450.0
1        1      1      44      2006-03-24 00:00:00      NULL      25      18.0      0.0      450.0
3        3      4      63      2006-04-25 00:00:00      2006-04-25 00:00:00      50      10.0      0.0      500.0
3        3      4      63      2006-04-25 00:00:00      2006-04-25 00:00:00      50      10.0      0.0      500.0
10       4      1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      22.0      0.0      220.0
10       4      1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      22.0      0.0      220.0
25       4      9      76      2006-06-05 00:00:00      2006-06-05 00:00:00      30      22.0      0.0      660.0
25       4      9      76      2006-06-05 00:00:00      2006-06-05 00:00:00      30      22.0      0.0      660.0
26       5      9      51      2006-04-05 00:00:00      2006-04-05 00:00:00      25      21.35     0.0      533.75
26       5      9      51      2006-04-05 00:00:00      2006-04-05 00:00:00      25      21.35     0.0      533.75
10       6      1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      25.0      0.0      250.0
10       6      1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      25.0      0.0      250.0
26       6      9      77      2006-06-05 00:00:00      2006-06-05 00:00:00      90      25.0      0.0      2250.0
26       6      9      77      2006-06-05 00:00:00      2006-06-05 00:00:00      90      25.0      0.0      2250.0
4        7      3      31      2006-01-20 00:00:00      2006-01-22 00:00:00      10      30.0      0.0      300.0
4        7      3      31      2006-01-20 00:00:00      2006-01-22 00:00:00      10      30.0      0.0      300.0
6        7      2      79      2006-06-23 00:00:00      2006-06-23 00:00:00      30      30.0      0.0      900.0
6        7      2      79      2006-06-23 00:00:00      2006-06-23 00:00:00      30      30.0      0.0      900.0
6        8      8      37      2006-03-06 00:00:00      2006-03-09 00:00:00      17      40.0      0.0      680.0
6        8      8      37      2006-03-06 00:00:00      2006-03-09 00:00:00      17      40.0      0.0      680.0
8        8      4      48      2006-04-05 00:00:00      2006-04-05 00:00:00      25      40.0      0.0      1000.0
8        8      4      48      2006-04-05 00:00:00      2006-04-05 00:00:00      25      40.0      0.0      1000.0
11       8      1      70      2006-05-24 00:00:00      NULL      20      40.0      0.0      800.0
11       8      1      70      2006-05-24 00:00:00      NULL      20      40.0      0.0      800.0
3        8      4      63      2006-04-25 00:00:00      2006-04-25 00:00:00      3       40.0      0.0      120.0
3        8      4      63      2006-04-25 00:00:00      2006-04-25 00:00:00      3       40.0      0.0      120.0
29       17     1      78      2006-06-05 00:00:00      2006-06-05 00:00:00      40      39.0      0.0      1560.0
29       17     1      78      2006-06-05 00:00:00      2006-06-05 00:00:00      40      39.0      0.0      1560.0
8        19     6      33      2006-01-30 00:00:00      2006-01-31 00:00:00      30      9.2       0.0      276.0
8        19     6      33      2006-01-30 00:00:00      2006-01-31 00:00:00      30      9.2       0.0      276.0
4        19     9      34      2006-02-06 00:00:00      2006-02-07 00:00:00      20      9.2       0.0      184.0
4        19     9      34      2006-02-06 00:00:00      2006-02-07 00:00:00      20      9.2       0.0      184.0
10       19     1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      9.2       0.0      92.0
10       19     1      42      2006-03-24 00:00:00      2006-04-07 00:00:00      10      9.2       0.0      92.0
8        19     4      48      2006-04-05 00:00:00      2006-04-05 00:00:00      25      9.2       0.0      229.99999999999997
8        19     4      48      2006-04-05 00:00:00      2006-04-05 00:00:00      25      9.2       0.0      229.99999999999997
4        20     3      58      2006-04-22 00:00:00      2006-04-22 00:00:00      40      81.0      0.0      3240.0
4        20     3      58      2006-04-22 00:00:00      2006-04-22 00:00:00      40      81.0      0.0      3240.0
25       21     9      50      2006-04-05 00:00:00      2006-04-05 00:00:00      20      10.0      0.0      200.0
25       21     9      50      2006-04-05 00:00:00      2006-04-05 00:00:00      20      10.0      0.0      200.0
27       34     9      30      2006-01-15 00:00:00      2006-01-22 00:00:00      100     14.0      0.0      1400.0
27       34     9      30      2006-01-15 00:00:00      2006-01-22 00:00:00      100     14.0      0.0      1400.0
6        34     6      47      2006-04-08 00:00:00      2006-04-08 00:00:00      300     14.0      0.0      4200.0
6        34     6      47      2006-04-08 00:00:00      2006-04-08 00:00:00      300     14.0      0.0      4200.0
29       34     1      55      2006-04-05 00:00:00      2006-04-05 00:00:00      87      14.0      0.0      1218.0
29       34     1      55      2006-04-05 00:00:00      2006-04-05 00:00:00      87      14.0      0.0      1218.0
28       40     1      45      2006-04-07 00:00:00      2006-04-07 00:00:00      50      18.4      0.0      919.9999999999999
28       40     1      45      2006-04-07 00:00:00      2006-04-07 00:00:00      50      18.4      0.0      919.9999999999999
26       40     9      51      2006-04-05 00:00:00      2006-04-05 00:00:00      30      18.4      0.0      552.0
26       40     9      51      2006-04-05 00:00:00      2006-04-05 00:00:00      30      18.4      0.0      552.0
1        40     1      71      2006-05-24 00:00:00      NULL      40      18.4      0.0      736.0
```

2.1.1. Load Dimentions

Dim_customers

ID	Company	First Name	Last Name	Job Title	Phone Number	Address	City	State	Zip	Country	Region	Manager	Employee		
1	Company A	Bedeas	Anna	Owner	(123)555-0100	null	(123)555-0101	123 1st Street	Seattle	WA	99999	USA	null	null	
2	Company B	Gratacos	Solomon	Owner	(123)555-0100	null	(123)555-0101	123 2nd Street	Boston	MA	99999	USA	null	null	
3	Company C	Ash	Thomas	Purchasing Representative	(123)555-0100	null	(123)555-0101	123 3rd Street	Los Angeles	CA	99999	USA	null	null	
4	Company D	Lee	Christina	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 4th Street	New York	NY	99999	USA	null	null	
5	Company E	Gale	Donnell	Martin	Owner	(123)555-0100	null	(123)555-0101	123 5th Street	Minneapolis	MN	99999	USA	null	
6	Company F	Mendez	Adriana	Francisco	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 6th Street	Milwaukee	WI	99999	USA	null	
7	Company G	Hie	Ming-Yang	Owner	(123)555-0100	null	(123)555-0101	123 7th Street	Portland	OR	99999	USA	null	null	
8	Company H	Andersen	Elizabeth	Purchasing Representative	(123)555-0100	null	(123)555-0101	123 8th Street	Portland	OR	99999	USA	null	null	
9	Company I	Mortensen	Sven	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 9th Street	Salt Lake City	UT	99999	USA	null	null	
10	Company J	Wacker	Roland	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 10th Street	Chicago	IL	99999	USA	null	null	
11	Company K	Rechny	Peter	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 11th Street	Miami	FL	99999	USA	null	null	
12	Company L	Edwards	John	Purchasing Manager	(123)555-0100	null	(123)555-0101	123 12th Street	Las Vegas	NV	99999	USA	null	null	
13	Company M	Ludwick	Andre	Purchasing Representative	(123)555-0100	null	(123)555-0101	456 13th Street	Memphis	TN	99999	USA	null	null	
14	Company N	Grilo	Carlos	Purchasing Representative	(123)555-0100	null	(123)555-0101	456 14th Street	Denver	CO	99999	USA	null	null	
15	Company O	Wong	Anna	Purchasing Manager	(123)555-0100	null	(123)555-0101	456 15th Street	Honolulu	HI	99999	USA	null	null	
16	Company P	Goldschmidt	Daniel	Purchasing Representative	(123)555-0100	null	(123)555-0101	456 16th Street	San Francisco	CA	99999	USA	null	null	
17	Company Q	Bagel	Jean Philippe	Owner	(123)555-0100	null	(123)555-0101	456 17th Street	Seattle	WA	99999	USA	null	null	
18	Company R	Autier	Micoll	Catherine	Purchasing Representative	(123)555-0100	null	(123)555-0101	456 18th Street	Boston	MA	99999	USA	null	null
19	Company S	Li	George	Purchasing Assistant	(123)555-0100	null	(123)555-0101	789 19th Street	Los Angeles	CA	99999	USA	null	null	
20	Company T	Th	Bernard	Accounting Manager	(123)555-0100	null	(123)555-0101	789 20th Street	New York	NY	99999	USA	null	null	
21	Company U	Ramos	Luciana	Purchasing Assistant	(123)555-0100	null	(123)555-0101	789 21th Street	Minneapolis	MN	99999	USA	null	null	
22	Company V	Ramos	Luciana	Purchasing Assistant	(123)555-0100	null	(123)555-0101	789 22th Street	Milwaukee	WI	99999	USA	null	null	
23	Company W	Rechny	Michael	Purchasing Manager	(123)555-0100	null	(123)555-0101	789 23th Street	Portland	OR	99999	USA	null	null	
24	Company X	Hasseltberg	Jonas	Owner	(123)555-0100	null	(123)555-0101	789 24th Street	Salt Lake City	UT	99999	USA	null	null	
25	Company Y	Rodman	John	Purchasing Manager	(123)555-0100	null	(123)555-0101	789 25th Street	Chicago	IL	99999	USA	null	null	
26	Company Z	Liu	Run	Accounting Assistant	(123)555-0100	null	(123)555-0101	789 26th Street	Miami	FL	99999	USA	null	null	
27	Company A	Rechny	Peter	Purchasing Manager	(123)555-0100	null	(123)555-0101	789 27th Street	Las Vegas	NV	99999	USA	null	null	
28	Company B	Rhagbar	Ad	Tangsh	Purchasing Manager	(123)555-0100	null	(123)555-0101	789 28th Street	Memphis	TN	99999	USA	null	null
29	Company CC	Lee	Soo Jung	Purchasing Manager	(123)555-0100	null	(123)555-0101	789 29th Street	Denver	CO	99999	USA	null	null	
30	Company A	Bedeas	Anna	Owner	(123)555-0100	null	(123)555-0101	123 1st Street	Seattle	WA	99999	USA	null	null	
31	Company B	Gratacos	Solomon	Owner	(123)555-0100	null	(123)555-0101	1							

Dim_products

```

hive> select * from dim_products;
OK
1 1 NMTB-1 Northwind Traders Chai null 13.5 18.0 10 40 10 boxes x 20 bags false 10 Beverages
4 3 NMTCO-3 Northwind Traders Syrup null 7.5 10.0 25 100 12 550 ml bottles false 25 Condiments
10 4 NMTCO-4 Northwind Traders Cajun Seasoning null 16.5 22.0 10 40 48 - 6 oz jars false 10 Condiments
10 5 NMTW-5 Northwind Traders Olive Oil null 16.0125 21.35 10 40 36 boxes false 10 Oil
2;6 6 NMTJP-6 Northwind Traders Boysenberry Spread null 18.75 25.0 25 100 12 - 8 oz jars false 25 Jams, Preserves
2 7 NMTDFN-7 Northwind Traders Dried Pears null 22.5 30.0 10 40 12 - 1 lb pkgs. false 10 Dried Fruit & Nuts
8 8 NMTS-8 Northwind Traders Curry Sauce null 30.0 40.0 10 40 12 - 12 oz jars false 10 Sauces
2;6 14 NMTDFN-14 Northwind Traders Walnuts null 17.4375 23.25 10 40 40 - 100 g pkgs. false 10 Dried Fruit & Nuts
6 17 NMTFCV-17 Northwind Traders Fruit Cocktail null 29.25 39.0 10 40 15.25 OZ false 10 Canned Fruit & Vegetables
1 19 NMTBGM-19 Northwind Traders Chocolate Biscuits Mix null null 6.9 9.2 5 20 10 boxes x 12 pieces false 5 Baked Goods & Mixes
2;6 20 NMTJP-6 Northwind Traders Marmalade null 60.75 81.0 10 40 30 gift boxes false 10 Jams, Preserves
1 21 NMTBGM-21 Northwind Traders Scones null 7.5 10.0 5 20 24 pkgs. x 4 pieces false 5 Baked Goods & Mixes
4 34 NMTB-34 Northwind Traders Beer null 10.5 14.0 15 60 24 - 12 oz bottles false 15 Beverages
7 40 NMTCM-40 Northwind Traders Crab Meat null 13.8 18.4 30 120 24 - 4 oz tins false 30 Canned Meat
6 41 NMTS-41 Northwind Traders Clam Chowder null 7.2375 9.65 10 40 12 - 12 oz cans false 10 Soups
3;4 43 NMTB-43 Northwind Traders Coffee null 34.5 46.0 25 100 16 - 500 g tins false 25 Beverages
2 48 NMTCA-48 Northwind Traders Candy null 9.5625 12.75 100 10 pkgs false 25 Candy
2 51 NMTDFN-51 Northwind Traders Dried Apples null 39.75 53.0 10 40 50 - 300 g pkgs. false 10 Dried Fruit & Nuts
1 52 NMTG-52 Northwind Traders Long Grain Rice null 5.25 7.0 25 100 16 - 2 kg boxes false 25 Grains
1 56 NMTF-56 Northwind Traders Gnocchi null 28.5 38.0 30 120 24 - 250 g pkgs. false 30 Pasta
1 57 NMTF-57 Northwind Traders Ravioli null 14.625 19.5 20 80 24 - 250 g pkgs. false 20 Pasta
8 65 NMTS-65 Northwind Traders Hot Pepper Sauce null 15.7875 21.05 10 40 32 - 8 oz bottles false 10 Sauces
8 66 NMTS-66 Northwind Traders Tomato Sauce null 12.75 17.0 20 80 24 - 8 oz jars false 20 Sauces
5 72 NMTD-72 Northwind Traders Mozzarella null 26.1 34.8 10 40 24 - 200 g pkgs. false 10 Dairy products
2;6 74 NMTDFN-74 Northwind Traders Almonds null 7.5 10.0 5 20 5 kg pkg. false 5 Dried Fruit & Nuts
10 77 NMTCO-77 Northwind Traders Mustard null 9.75 13.0 15 60 12 boxes false 15 Condiments
2 80 NMTDFN-80 Northwind Traders Dried Plums null 3.0 3.5 50 75 1 lb bag false 25 Dried Fruit & Nuts
3 81 NMTB-81 Northwind Traders Green Tea null 2.0 2.99 100 125 20 bags per box false 25 Beverages
1 82 NMTB-82 Northwind Traders Granola null 2.0 4.0 20 100 null false NULL Cereal
9 83 NMTCS-83 Northwind Traders Potato Chips null 0.5 1.8 30 200 null false NULL Chips, Snacks
1 85 NMTBGM-85 Northwind Traders Brownie Mix null 9.0 12.49 10 20 3 boxes false 5 Baked Goods & Mixes
1 86 NMTBGM-86 Northwind Traders Cake Mix null 10.5 15.99 10 20 4 boxes false 5 Baked Goods & Mixes
7 87 NMTB-87 Northwind Traders Tea null 2.0 4.0 20 50 100 count per box false NULL Beverages
6 88 NMTFCV-88 Northwind Traders Pears null 1.0 1.3 10 40 15.25 OZ false NULL Canned Fruit & Vegetables
6 89 NMTFCV-89 Northwind Traders Peaches null 1.0 1.5 10 40 15.25 OZ false NULL Canned Fruit & Vegetables
6 90 NMTFCV-90 Northwind Traders Pineapple null 1.0 1.8 10 40 15.25 OZ false NULL Canned Fruit & Vegetables
6 91 NMTFCV-91 Northwind Traders Cherry Pie Filling null 1.0 2.0 10 40 15.25 OZ false NULL Canned Fruit & Vegetables
6 92 NMTFCV-92 Northwind Traders Green Beans null 1.0 1.2 10 40 14.5 OZ false NULL Canned Fruit & Vegetables
6 93 NMTFCV-93 Northwind Traders Corn null 1.0 1.2 10 40 14.5 OZ false NULL Canned Fruit & Vegetables
6 94 NMTFCV-94 Northwind Traders Peas null 1.0 1.5 10 40 14.5 OZ false NULL Canned Fruit & Vegetables
7 95 NMTCM-95 Northwind Traders Tuna Fish null 0.5 2.0 30 50 5 oz false NULL Canned Meat
7 96 NMTCM-96 Northwind Traders Smoked Salmon null 2.0 4.0 30 50 5 oz false NULL Canned Meat
1 97 NMTC-82 Northwind Traders Hot Cereal null 3.0 5.0 50 200 null false NULL Cereal
6 98 NMTS-98 Northwind Traders Vegetable Soup null 1.0 1.89 100 200 null false NULL Soups
6 99 NMTS-99 Northwind Traders Chicken Soup null 1.0 1.95 100 200 null false NULL Soups

```

hive> select * from dim_date;																										
OK																										
20060101	2006-01-01	2006/01/01	01/01/2006	01/01/2006	1	Sunday	1	1	Weekend	52	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060102	2006-01-02	2006/01/02	01/02/2006	02/01/2006	2	Monday	2	2	Weekday	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060103	2006-01-03	2006/01/03	01/03/2006	03/01/2006	3	Tuesday	3	3	Weekday	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060104	2006-01-04	2006/01/04	01/04/2006	04/01/2006	4	Wednesday	4	4	Weekday	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060105	2006-01-05	2006/01/05	01/05/2006	05/01/2006	5	Thursday	5	5	Weekday	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060106	2006-01-06	2006/01/06	01/06/2006	06/01/2006	6	Friday	6	6	Weekday	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060107	2006-01-07	2006/01/07	01/07/2006	07/01/2006	7	Saturday	7	7	Weekend	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060108	2006-01-08	2006/01/08	01/08/2006	08/01/2006	1	Sunday	8	8	Weekend	1	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060109	2006-01-09	2006/01/09	01/09/2006	09/01/2006	2	Monday	9	9	Weekday	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060110	2006-01-10	2006/01/10	01/10/2006	10/01/2006	3	Tuesday	10	10	Weekday	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060111	2006-01-11	2006/01/11	01/11/2006	11/01/2006	4	Wednesday	11	11	Weekday	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060112	2006-01-12	2006/01/12	01/12/2006	12/01/2006	5	Thursday	12	12	Weekday	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060113	2006-01-13	2006/01/13	01/13/2006	13/01/2006	6	Friday	13	13	Weekday	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060114	2006-01-14	2006/01/14	01/14/2006	14/01/2006	7	Saturday	14	14	Weekend	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060115	2006-01-15	2006/01/15	01/15/2006	15/01/2006	1	Sunday	15	15	Weekend	2	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060116	2006-01-16	2006/01/16	01/16/2006	16/01/2006	2	Monday	16	16	Weekday	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060117	2006-01-17	2006/01/17	01/17/2006	17/01/2006	3	Tuesday	17	17	Weekday	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060118	2006-01-18	2006/01/18	01/18/2006	18/01/2006	4	Wednesday	18	18	Weekday	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060119	2006-01-19	2006/01/19	01/19/2006	19/01/2006	5	Thursday	19	19	Weekday	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060120	2006-01-20	2006/01/20	01/20/2006	20/01/2006	6	Friday	20	20	Weekday	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060121	2006-01-21	2006/01/21	01/21/2006	21/01/2006	7	Saturday	21	21	Weekend	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060122	2006-01-22	2006/01/22	01/22/2006	22/01/2006	1	Sunday	22	22	Weekend	3	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060123	2006-01-23	2006/01/23	01/23/2006	23/01/2006	2	Monday	23	23	Weekday	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060124	2006-01-24	2006/01/24	01/24/2006	24/01/2006	3	Tuesday	24	24	Weekday	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060125	2006-01-25	2006/01/25	01/25/2006	25/01/2006	4	Wednesday	25	25	Weekday	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060126	2006-01-26	2006/01/26	01/26/2006	26/01/2006	5	Thursday	26	26	Weekday	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060127	2006-01-27	2006/01/27	01/27/2006	27/01/2006	6	Friday	27	27	Weekday	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060128	2006-01-28	2006/01/28	01/28/2006	28/01/2006	7	Saturday	28	28	Weekend	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060129	2006-01-29	2006/01/29	01/29/2006	29/01/2006	1	Sunday	29	29	Weekend	4	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060130	2006-01-30	2006/01/30	01/30/2006	30/01/2006	2	Monday	30	30	Weekday	5	January	1	N	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060131	2006-01-31	2006/01/31	01/31/2006	31/01/2006	3	Tuesday	31	31	Weekday	5	January	1	Y	1	2006	2006-01	2006Q1	7	3	2006	2006-07	2006Q3				
20060201	2006-02-01	2006/02/01	02/01/2006	01/02/2006	4	Wednesday	1	32	Weekday	5	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060202	2006-02-02	2006/02/02	02/02/2006	02/02/2006	5	Thursday	2	33	Weekday	5	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060203	2006-02-03	2006/02/03	02/03/2006	03/02/2006	6	Friday	3	34	Weekday	5	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060204	2006-02-04	2006/02/04	02/04/2006	04/02/2006	7	Saturday	4	35	Weekend	5	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060205	2006-02-05	2006/02/05	02/05/2006	05/02/2006	1	Sunday	5	36	Weekend	5	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060206	2006-02-06	2006/02/06	02/06/2006	06/02/2006	2	Monday	6	37	Weekday	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060207	2006-02-07	2006/02/07	02/07/2006	07/02/2006	3	Tuesday	7	38	Weekday	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060208	2006-02-08	2006/02/08	02/08/2006	08/02/2006	4	Wednesday	8	39	Weekday	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060209	2006-02-09	2006/02/09	02/09/2006	09/02/2006	5	Thursday	9	40	Weekday	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060210	2006-02-10	2006/02/10	02/10/2006	10/02/2006	6	Friday	10	41	Weekday	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060211	2006-02-11	2006/02/11	02/11/2006	11/02/2006	7	Saturday	11	42	Weekend	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060212	2006-02-12	2006/02/12	02/12/2006	12/02/2006	1	Sunday	12	43	Weekend	6	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060213	2006-02-13	2006/02/13	02/13/2006	13/02/2006	2	Monday	13	44	Weekday	7	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060214	2006-02-14	2006/02/14	02/14/2006	14/02/2006	3	Tuesday	14	45	Weekday	7	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				
20060215	2006-02-15	2006/02/15	02/15/2006	15/02/2006	4	Wednesday	15	46	Weekday	7	February	2	N	1	2006	2006-02	2006Q1	8	3	2006	2006-08	2006Q4				

Dim_Employees

hive> select * from dim_employees;																										
OK																										
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 1st Avenue	Seattle WA	99999	USA	http://northwindtraders.com												
2	Northwind Traders	Cencini Andrew	andrew@northwindtraders.com	Vice President, Sales	(123)555-0100	(123)555-0102	null	(123)555-0103	123 2nd Avenue	Bellevue WA	99999	USA	http://northwindtraders.com													
3	Northwind Traders	Kotes Jan	jan@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 3rd Avenue	Redmond WA	99999	USA	http://northwindtraders.com													
4	Northwind Traders	Sergienko Mariya	mariya@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 4th Avenue	Kirkland WA	99999	USA	http://northwindtraders.com													
5	Northwind Traders	Thorne Steven	steven@northwindtraders.com	Sales Manager	(123)555-0100	(123)555-0102	null	(123)555-0103	123 5th Avenue	Seattle WA	99999	USA	http://northwindtraders.com													
6	Northwind Traders	Hooper Michael	michael@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 6th Avenue	Redmond WA	99999	USA	http://northwindtraders.com													
7	Northwind Traders	Zare Robert	robert@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 7th Avenue	Seattle WA	99999	USA	http://northwindtraders.com													
8	Northwind Traders	Muscatelli Laura	laura@northwindtraders.com	Sales Coordinator	(123)555-0100	(123)555-0102	null	(123)555-0103	123 8th Avenue	Redmond WA	99999	USA	http://northwindtraders.com													
9	Northwind Traders	Helling-Larsen Anne	anne@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	null	(123)555-0103	123 9th Avenue	Seattle WA	99999	USA	http://northwindtraders.com													
10	Northwind Traders			Fluent in French and German.																						
Time taken: 0.048 seconds, Fetched: 9 row(s)																										
hive>																										