Universidad Francisco Marroquín
Facultad de Ciencias Económicas
Computer Science
Big Data
Primer Semestre 2020
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Big Data

9.

	customers.cust_id	customers.fname	customers.lname	customers.address	cu
1	1139477	Bridget	Burch	1644 East 7th Street	Ka

14.

```
hive> DESCRIBE products;
OK
prod_id                 int
brand                   string
name                    string
price                   int
cost                    int
shipping_wt             int
```

15.

```
hive> SELECT * FROM products LIMIT 10;
OK
1273641 Chestnut        USB Card Reader 1839    1275    1
1273642 Ultramegaco     USB Card Reader 1949    721     1
1273643 McDowell        USB Card Reader 2149    845     1
1273644 Dualcore        USB Card Reader 2029    763     1
1273645 Orion   USB Card Reader 1909    1234    1
1273646 DevNull USB Card Reader 1929    817     1
1273647 Gigabux Composite AV Cable (12 in.)     2549    1762    1
1273648 Tyrell  Composite AV Cable (12 in.)     2349    1125    1
1273649 TPS     Composite AV Cable (12 in.)     2619    2086    1
1273650 Orion   Composite AV Cable (24 in.)     2289    2252    1
Time taken: 0.412 seconds, Fetched: 10 row(s)
```

16.

```
hive> SELECT * FROM products ORDER BY price DESC LIMIT 3;

Total MapReduce CPU Time Spent: 2 seconds 460 msec
OK
1274321 Byteweasel      Hadoop Cluster, Economy (4-node)        975149  952934 5
70
1274308 Gigabux Server (2U rackmount, eight-core, 64GB, 12TB)   614559  556183 1
21
1274307 Krustybitz      Server (2U rackmount, eight-core, 64GB, 12TB)   599319 5
42497   121
Time taken: 24.346 seconds, Fetched: 3 row(s)
hive>
```

20.

```
[cloudera@quickstart ~]$ cd /home/cloudera/Desktop/ejercicios/exercises
[cloudera@quickstart queries]$ cat verify_tablet_order.sql
-- Query to find the order for the
-- tablet (product ID 1274348) from the
-- contest winner (customer ID 1139477)
SELECT o.order_id, fname, lname, o.order_date
FROM analyst.customers c
JOIN analyst.orders o
   ON (c.cust_id = o.cust_id)
JOIN analyst.order_details d
   ON (o.order_id = d.order_id)
WHERE d.prod_id=1274348
  AND c.cust_id=1139477;
```

```
[cloudera@quickstart queries]$ hive -f verify_tablet_order.sql

OK
6621368 Bridget Burch   2013-05-20 21:17:03.0
6662689 Bridget Burch   2013-05-31 17:31:11.0
Time taken: 61.998 seconds, Fetched: 2 row(s)
```

23.

```
e6c6344b1d): SELECT * FROM products WHERE price <1000 AND brand = 'Gigabux'
INFO  : Completed executing command(queryId=hive_20200315183939_da302da7-3cef-4e
92-90e2-8ae6c6344b1d); Time taken: 0.007 seconds
INFO  : OK
+-------------------+-----------------+-----------------------------------------
-----------+-----------------+---------------+----------------------+--+
| products.prod_id  | products.brand  |                   products.name
          | products.price  | products.cost  | products.shipping_wt  |
+-------------------+-----------------+-----------------------------------------
-----------+-----------------+---------------+----------------------+--+
| 1273740           | Gigabux         | Batteries (AA, 4 pack)
          | 669             | 481            | 2                     |
| 1273759           | Gigabux         | Batteries (D, 2 pack)
          | 959             | 353            | 2                     |
| 1273904           | Gigabux         | 1/4 in. Standard Phone Female to Female
Adapter    | 399             | 397            | 1                     |
| 1273906           | Gigabux         | 1/4 in. Standard Phone Female to Female
Adapter    | 399             | 229            | 1                     |
| 1273918           | Gigabux         | RCA Phono Male to Mini Female Adapter
```