

```
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
Ankurs-MacBook-Pro:~ ankursugandhi$ ssh -
i/Users/ankursugandhi/Downloads/demo_key_pair.pem hadoop@ec2-35-175-240-
209.compute-1.amazonaws.com
Last login: Thu Jan 14 10:20:56 2021 from 123.201.71.194
```

```

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  ____|  (  ____|  ____|
  ____|  \  ____|  ____|
  ____|  ____|  ____|

```

Amazon Linux AMI

```
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
43 package(s) needed for security, out of 74 available
Run "sudo yum update" to apply all updates.
-bash: warning: setlocale: LC_CTYPE: cannot change locale (UTF-8): No
such file or directory
```

EEEEEEEEEEEEEEEEEEEE	MMMMMMMM	MMMMMMMM	RRRRRRRRRRRRRRRR			
E::::::::::::::::::::E	M:::::::::M	M:::::::::M	R:::::::::::::::::R			
EE::::::::EEEEEEEEEE::E	M:::::::::M	M:::::::::M	R:::::RRRRRR:::::R			
E:::::E	EEEE	M:::::::::M	M:::::::::M	RR::::R	R:::::R	
E:::::E	M:::::::::M:::M	M:::M:::::::::M	R:::R	R:::::R		
E:::::EEEEEEEEEEEE	M:::::M	M:::M	M:::M	M:::::M	R:::RRRRRR:::::R	
E::::::::::::::::::::E	M:::::M	M:::M:::M	M:::::M	R:::::::::::::::::RR		
E:::::EEEEEEEEEEEE	M:::::M	M:::::M	M:::::M	R:::RRRRRR:::::R		
E:::::E	M:::::M	M:::M	M:::::M	R:::R	R:::::R	
E:::::E	EEEE	M:::::M	MMM	M:::::M	R:::R	R:::::R
EE::::::::EEEEEEEEEE::E	M:::::M	M:::::M	R:::R	R:::::R		
E::::::::::::::::::::E	M:::::M	M:::::M	RR::::R	R:::::R		
EEEEEEEEEEEEEEEEEEEE	MMMMMMMM	MMMMMMMM	RRRRRRR	RRRRRR		

```
[hadoop@ip-172-31-34-126 ~]$ hive
```

```
Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j2.properties Async: false
```

```
hive> create database online sales;
```

OK

Time taken: 0.821 seconds

```
hive> use online_sales;
```

OK

Time taken: 0.053 seconds

```
hive> CREATE EXTERNAL TABLE IF NOT EXISTS sales_input(event_time
timestamp ,event_type string ,product_id string ,category_id string
,category_code string ,brand string ,price float ,user_id bigint
,user session string)
```

```
> ROW FORMAT SERDE 'org.apache.hadoop.hive.serde2.OpenCSVSerde'
```

```
> STORED AS TEXTFILE
```

```
> LOCATION '/user/hive/online sales/'
```

```
> tblproperties("skip.header.line.count"="1");
```

OK

Time taken: 0.388 seconds

```
hive> set hive.exec.dynamic.partition.mode=nonstrict;
hive> set hive.exec.dynamic.partition=true;
hive> set hive.enforce.bucketing=true;
hive> CREATE TABLE IF NOT EXISTS sales_bucket(event_time timestamp,
product_id string, category_id string, category_code string, brand
string, price float, user_id bigint, user_session string)
> PARTITIONED BY (event_type string) CLUSTERED BY (price) into 10
buckets
> ROW FORMAT SERDE 'org.apache.hadoop.hive.serde2.OpenCSVSerde'
> STORED AS TEXTFILE;
```

OK

Time taken: 0.154 seconds

```
hive> insert into table sales_bucket partition(event_type) select
event_time, product_id, category_id, category_code, brand, price,
user_id, user_session, event_type from sales_input;
Query ID = hadoop_20210114103243_7dc1bd93-1759-49cb-9cce-b154fe808ad5
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0002)
```

```
Map 1: 0/2 Reducer 2: 0/5
Map 1: 0/2 Reducer 2: 0/5
Map 1: 0(+1)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 0(+2)/2 Reducer 2: 0/5
Map 1: 1(+1)/2 Reducer 2: 0(+1)/5
Map 1: 1(+1)/2 Reducer 2: 0(+1)/5
Map 1: 2/2 Reducer 2: 0(+2)/5
Map 1: 2/2 Reducer 2: 0(+4)/5
Map 1: 2/2 Reducer 2: 0(+4)/5
Map 1: 2/2 Reducer 2: 0(+4)/5
Map 1: 2/2 Reducer 2: 0(+5)/5
Map 1: 2/2 Reducer 2: 0(+5)/5
Map 1: 2/2 Reducer 2: 0(+5)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
```

```

Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 1(+4)/5
Map 1: 2/2 Reducer 2: 2(+3)/5
Map 1: 2/2 Reducer 2: 3(+2)/5
Map 1: 2/2 Reducer 2: 3(+2)/5
Map 1: 2/2 Reducer 2: 4(+1)/5
Map 1: 2/2 Reducer 2: 5/5
Loading data to table online_sales.sales_bucket partition
(event_type=null)

```

```

Time taken to load dynamic partitions: 1.078 seconds
Time taken for adding to write entity : 0.003 seconds

```

OK

Time taken: 135.61 seconds

```
hive> select * from sales_input where event_type = "cart" and price >
300;
```

OK

```

2019-11-21 15:08:13 UTC      cart  5906221      1487580006300255120
      strong      327.78      533560354      ab82d077-c051-44f2-9eee-
f934f0ef88bc
2019-11-22 06:30:06 UTC      cart  5906221      1487580006300255120
      strong      327.78      538559947      0afa2172-e3b5-4b97-b7a8-
95854deb878b
2019-11-22 06:30:07 UTC      cart  5906221      1487580006300255120
      strong      327.78      538559947      0afa2172-e3b5-4b97-b7a8-
95854deb878b
2019-11-24 09:08:14 UTC      cart  5906221      1487580006300255120
      strong      311.38      575599928      ca25f0e2-c099-46c2-b623-
b2d109343156
2019-11-24 09:08:27 UTC      cart  5906221      1487580006300255120
      strong      311.38      575599928      ca25f0e2-c099-46c2-b623-
b2d109343156
2019-11-25 07:17:45 UTC      cart  5906221      1487580006300255120
      strong      327.78      441013094      32433428-1248-42a7-a0ca-
211b769e1d33
2019-11-25 09:21:15 UTC      cart  5906221      1487580006300255120
      strong      327.78      552639549      98e8cfd3-5126-4743-b6d1-
eb7fc8447a5f
2019-11-25 17:47:12 UTC      cart  5906221      1487580006300255120
      strong      327.78      320413035      0d29f65b-2264-4e13-82b0-
29fcc4775e6a

```

2019-11-25 18:53:43 UTC	cart	5906221	1487580006300255120
strong 327.78		387151543	6177736c-cae5-425f-9b6d-
cdf6297849ff			
2019-11-26 18:35:01 UTC	cart	5906221	1487580006300255120
strong 327.78		501199648	91e228f1-45a8-4e4d-b60d-
6f278da0489d			
2019-11-27 16:22:02 UTC	cart	5906221	1487580006300255120
strong 327.78		577714472	5eaaf44b-8cd2-43ce-9ae7-
4ead2cf11229			
2019-11-28 07:25:32 UTC	cart	5906221	1487580006300255120
strong 311.38		536341436	d9df4eae-728d-41df-9b48-
c10995b2ec3d			
2019-11-28 07:25:37 UTC	cart	5906221	1487580006300255120
strong 311.38		536341436	d9df4eae-728d-41df-9b48-
c10995b2ec3d			
2019-11-28 16:29:37 UTC	cart	5906221	1487580006300255120
strong 311.38		544372170	b9ac3e41-78ec-49a8-b75b-
e1921d3b59ce			
2019-11-28 19:35:39 UTC	cart	5906221	1487580006300255120
strong 311.38		475738962	5ae37834-5e8b-4df2-8469-
ebc4f5de0229			
2019-11-28 19:35:42 UTC	cart	5906221	1487580006300255120
strong 311.38		475738962	5ae37834-5e8b-4df2-8469-
ebc4f5de0229			
2019-11-30 00:37:34 UTC	cart	5906221	1487580006300255120
strong 311.38		579340056	200c2f4e-e924-4474-8092-
5d8d8ac11647			
Time taken: 0.908 seconds, Fetched: 17 row(s)			
hive> select * from sales_bucket where event_type = "cart" and price > 300;			
OK			
2019-11-28 07:25:32 UTC	5906221	1487580006300255120	
strong 311.38	536341436	d9df4eae-728d-41df-9b48-	
c10995b2ec3d	cart		
2019-11-28 07:25:37 UTC	5906221	1487580006300255120	
strong 311.38	536341436	d9df4eae-728d-41df-9b48-	
c10995b2ec3d	cart		
2019-11-28 16:29:37 UTC	5906221	1487580006300255120	
strong 311.38	544372170	b9ac3e41-78ec-49a8-b75b-	
e1921d3b59ce	cart		
2019-11-28 19:35:39 UTC	5906221	1487580006300255120	
strong 311.38	475738962	5ae37834-5e8b-4df2-8469-	
ebc4f5de0229	cart		
2019-11-28 19:35:42 UTC	5906221	1487580006300255120	
strong 311.38	475738962	5ae37834-5e8b-4df2-8469-	
ebc4f5de0229	cart		
2019-11-30 00:37:34 UTC	5906221	1487580006300255120	
strong 311.38	579340056	200c2f4e-e924-4474-8092-	
5d8d8ac11647	cart		
2019-11-24 09:08:14 UTC	5906221	1487580006300255120	
strong 311.38	575599928	ca25f0e2-c099-46c2-b623-	
b2d109343156	cart		

2019-11-24 09:08:27 UTC	5906221	1487580006300255120
strong 311.38	575599928	ca25f0e2-c099-46c2-b623-
b2d109343156		cart
2019-11-21 15:08:13 UTC	5906221	1487580006300255120
strong 327.78	533560354	ab82d077-c051-44f2-9eee-
f934f0ef88bc		cart
2019-11-22 06:30:06 UTC	5906221	1487580006300255120
strong 327.78	538559947	0afa2172-e3b5-4b97-b7a8-
95854deb878b		cart
2019-11-22 06:30:07 UTC	5906221	1487580006300255120
strong 327.78	538559947	0afa2172-e3b5-4b97-b7a8-
95854deb878b		cart
2019-11-25 18:53:43 UTC	5906221	1487580006300255120
strong 327.78	387151543	6177736c-cae5-425f-9b6d-
cdf6297849ff		cart
2019-11-25 09:21:15 UTC	5906221	1487580006300255120
strong 327.78	552639549	98e8cfd3-5126-4743-b6d1-
eb7fc8447a5f		cart
2019-11-25 17:47:12 UTC	5906221	1487580006300255120
strong 327.78	320413035	0d29f65b-2264-4e13-82b0-
29fcc4775e6a		cart
2019-11-26 18:35:01 UTC	5906221	1487580006300255120
strong 327.78	501199648	91e228f1-45a8-4e4d-b60d-
6f278da0489d		cart
2019-11-27 16:22:02 UTC	5906221	1487580006300255120
strong 327.78	577714472	5eaaf44b-8cd2-43ce-9ae7-
4ead2cf11229		cart
2019-11-25 07:17:45 UTC	5906221	1487580006300255120
strong 327.78	441013094	32433428-1248-42a7-a0ca-
211b769e1d33		cart

Time taken: 0.603 seconds, Fetched: 17 row(s)

hive> select sum(price) from sales_input;

Query ID = hadoop_20210114105436_1124f3ff-f2a0-483b-973c-1a97f75407d3

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

Session re-established.

Status: Running (Executing on YARN cluster with App id application_1610617611610_0003)

Map 1: 0/2 Reducer 2: 0/1

Map 1: 0/2 Reducer 2: 0/1

Map 1: 0(+1)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 0(+2)/2 Reducer 2: 0/1

Map 1: 1(+1)/2 Reducer 2: 0/1

Map 1: 1(+1)/2 Reducer 2: 0(+1)/1

Map 1: 1(+1)/2 Reducer 2: 0(+1)/1

```

Map 1: 2/2 Reducer 2: 0(+1)/1
Map 1: 2/2 Reducer 2: 1/1
OK
7.265890622967404E7
Time taken: 43.338 seconds, Fetched: 1 row(s)
hive> select sum(price) from sales_bucket;
Query ID = hadoop_20210114105558_41d0fd98-1e13-49f4-a811-f74b323d8a9a
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0003)

```

```

-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
Map 1 ..... container  SUCCEEDED    14         14         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     1          1         0
0         0         0
-----
VERTICES: 02/02  [=====>>] 100%  ELAPSED TIME: 47.55
s
-----

```

```

OK
7.265890623000202E7
Time taken: 48.299 seconds, Fetched: 1 row(s)
hive> select sum(price) from sales_bucket where month(event_time) = 10;
Query ID = hadoop_20210114105737_23d1180f-a87d-4640-a2d9-544f31dcfe51
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0003)

```

```

-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
Map 1 ..... container  SUCCEEDED    14         14         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     1          1         0
0         0         0
-----
VERTICES: 02/02  [=====>>] 100%  ELAPSED TIME: 55.71
s
-----

```

OK

3.5012658320013314E7

Time taken: 56.431 seconds, Fetched: 1 row(s)

hive> select sum(price) from sales_bucket where month(event_time) = 11;

Query ID = hadoop_20210114110510_f3169562-2bd0-4625-a3b0-523f848910a0

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

Session re-established.

Status: Running (Executing on YARN cluster with App id

application_1610617611610_0004)

```
-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
Map 1 ..... container  SUCCEEDED    14         14         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     1          1         0
0         0         0
-----
VERTICES: 02/02  [=====>>] 100%  ELAPSED TIME: 57.10
s
-----
```

OK

3.7646247910014465E7

Time taken: 65.458 seconds, Fetched: 1 row(s)

hive> select sum(price) from sales_bucket where event_type = 'purchase'
and month(event_time) = 10;

Query ID = hadoop_20210114111114_9a6a5a88-e861-408f-ba31-c5daa4ad8c93

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id

application_1610617611610_0004)

```
-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
Map 1 ..... container  SUCCEEDED     3          3         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     1          1         0
0         0         0
-----
VERTICES: 02/02  [=====>>] 100%  ELAPSED TIME: 16.33
s
-----
```

```

-----
-----
OK
1211538.430000433
Time taken: 16.993 seconds, Fetched: 1 row(s)
hive> select sum(price) from sales_bucket where event_type = 'purchase'
group by month(event_time);
Query ID = hadoop_20210114111454_be1057dd-40b5-4b45-a9dc-840524ccbe2c
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0004)

```

```

-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
Map 1 ..... container  SUCCEEDED      3          3          0
0         0         0
Reducer 2 ..... container  SUCCEEDED      1          1          0
0         0         0

```

```

-----
VERTICES: 02/02  [=====>>] 100%  ELAPSED TIME: 16.92
s
-----

```

```

-----
-----
OK
1211538.430000433
1531016.9000001205
Time taken: 17.669 seconds, Fetched: 2 row(s)
hive> select October, November, November - October Difference
> from
> (
> SELECT sum(case when date_format(event_time,'MM')=10 then price
else 0 end) AS October,
>         sum(case when date_format(event_time,'MM')=11 then price
else 0 end) AS November
> FROM sales_bucket WHERE date_format(event_time,'MM')in (10,11) AND
event_type='purchase'
> )s;
Query ID = hadoop_20210114112021_102ea4a8-4f3b-419b-a56e-9faf40cf1dd3
Total jobs = 1
Launching Job 1 out of 1
Tez session was closed. Reopening...
Session re-established.
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0005)

```


VERTICES			MODE	STATUS	TOTAL	COMPLETED	RUNNING				
PENDING	FAILED	KILLED									

Map 1	.....		container	SUCCEEDED	3	3	0			
0	0	0									
Reducer 2	.....		container	SUCCEEDED	1	1	0			
0	0	0									

VERTICES: 02/02 [=====>>] 100% ELAPSED TIME: 37.96
s

OK
1211538.4300004331531016.9000001205 319478.4699996875
Time taken: 46.334 seconds, Fetched: 1 row(s)
hive> select distinct category_code from sales_bucket;
Query ID = hadoop_20210114113334_eb6359c7-b4c4-4b49-bd66-bef6997d2f2d
Total jobs = 1
Launching Job 1 out of 1
Tez session was closed. Reopening...
Session re-established.
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0006)

VERTICES			MODE	STATUS	TOTAL	COMPLETED	RUNNING				
PENDING	FAILED	KILLED									

Map 1	.....		container	SUCCEEDED	14	14	0			
0	0	0									
Reducer 2	.....		container	SUCCEEDED	5	5	0			
0	0	0									

VERTICES: 02/02 [=====>>] 100% ELAPSED TIME: 47.83
s

OK

accessories.cosmetic_bag
stationery.cartridge
accessories.bag
appliances.environment.vacuum
furniture.living_room.chair
sport.diving
appliances.personal.hair_cutter
appliances.environment.air_conditioner
apparel.glove
furniture.bathroom.bath

```
furniture.living_room.cabinet
Time taken: 56.08 seconds, Fetched: 12 row(s)
hive> select sum(price) from sales_bucket where event_type = 'purchase'
and month(event_time) = 11;
Query ID = hadoop_20210114120336_d649ca56-60db-4d6e-bee9-7b1295962662
Total jobs = 1
Launching Job 1 out of 1
Tez session was closed. Reopening...
Session re-established.
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0007)
```

VERTICES			MODE	STATUS	TOTAL	COMPLETED	RUNNING
PENDING	FAILED	KILLED					

Map 1	.....	0	container	SUCCEEDED	3	3	0
0	0	0					
Reducer 2	.....	0	container	SUCCEEDED	1	1	0
0	0	0					

```
VERTICES: 02/02 [=====>>] 100% ELAPSED TIME: 22.92
s
```

```
OK
1531016.9000001205
Time taken: 31.717 seconds, Fetched: 1 row(s)
hive> select category_id, category_code, count(product_id) from
sales_bucket group by category_code;
FAILED: SemanticException [Error 10025]: Line 1:7 Expression not in GROUP
BY key 'category_id'
hive> select category_id, count(product_id) from sales_bucket group by
category_id;
Query ID = hadoop_20210114120759_924b77d8-5637-40cc-b414-1740f2d6b66a
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0007)
```

VERTICES			MODE	STATUS	TOTAL	COMPLETED	RUNNING
PENDING	FAILED	KILLED					

Map 1	.....	0	container	SUCCEEDED	14	14	0
0	0	0					
Reducer 2	.....	0	container	SUCCEEDED	5	5	0
0	0	0					

VERTICES: 02/02 [=====>>] 100% ELAPSED TIME: 50.40
S

OK

1487580004966466385	16
1487580005050352469	83278
1487580005176181595	127
1487580005369119587	3
1487580005570446188	24
1487580005671109489	300570
1487580005687886706	14
1487580005922767741	640
1487580006056985476	1794
1487580006073762693	7556
1487580006174425994	466
1487580006216369036	3
1487580006585467807	17
1487580007281722301	34854
1487580007432717250	64400
1487580007508214725	36
1487580007592100809	12450
1487580007852147670	42694
1487580007894090712	4957
1487580007910867929	51488
1487580007952810971	24742
1487580008053474272	2629
1487580008070251489	1643
1487580008087028706	778
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Time taken: 51.039 seconds, Fetched: 500 row(s)

hive> select brand, sum(price) as pr from sales_bucket group by brand
order by pr desc;

Query ID = hadoop_20210114122352_90746d61-ed2f-4237-85de-86e05f578b6f

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

Session re-established.

Status: Running (Executing on YARN cluster with App id
application_1610617611610_0008)

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      VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
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Map 1 ..... container  SUCCEEDED    14         14         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     5         5         0
0         0         0
Reducer 3 ..... container  SUCCEEDED     1         1         0
0         0         0
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VERTICES: 03/03 [=====>>] 100% ELAPSED TIME: 46.30
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OK

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carmex 6503.539999999977
vilenta 6461.700000000005
consly 6069.439999999985
kares 5850.549999999997
neoleor 5800.350000000001
elskin 5696.8800000000065
profepil 5635.889999999985
mielle 5464.619999999997
soleo 5129.0200000000088
grace 4869.000000000017
moyou 4753.300000000019
koelcia 4645.450000000002
enjoy 4540.239999999925
eos 4362.809999999998
rasyan 4312.3600000000085
sawa 4249.899999999998
labay 4239.97
naturmed 3932.869999999999
fancy 3828.369999999999
enas 3760.230000000003
aura 3653.799999999997
inoface 3215.530000000005
glysolid 2655.200000000009
tosowoong 2465.639999999985
radius 2454.139999999967
blixz 2324.1700000000005
skipofit 2069.03
dewal 2028.909999999999
australis 1885.959999999998
foamie 1649.049999999997
veraclara 1629.529999999993
binacil 1596.559999999988
blise 1594.669999999998
fly 1590.5900000000004
kamill 1588.9400000000012
andrea 1531.6899999999962
bosnic 1253.29
zab 1233.96
supertan 1208.989999999998
embryolisse 1165.870000000003
frozen 983.219999999995
lunaris 978.510000000001
esquire 800.36
helloganic 582.16
juno 572.78
busch 555.98


```

philips      530.65000000000004
tazol 526.87000000000005
macadamia   470.85
weaver      446.68
ovale 415.80000000000007
cosima      376.88999999999996
barbie      313.45
dermacol    303.64
laiseven    295.21999999999997
skinity     275.35999999999996
essie 258.46000000000004
rocknailstar 246.95000000000007
ikoo 129.39
cuccio      117.93
footlogix   95.25
dessata     81.12
nova 71.96000000000001
uralsoap    66.66
invisibobble 46.00000000000001
bodipure    31.73
shifei      23.409999999999997
gena 17.78
voesh 8.94
ibd 7.76
vl-gel      7.5600000000000005
pueen 6.98

```

```

Time taken: 54.897 seconds, Fetched: 245 row(s)
hive> select brand, sum(price) as pr from sales_bucket group by brand
order by pr desc limit 2;
Query ID = hadoop_20210114122607_8e86dcb3-d059-4eb4-9a85-dc60e26408ef
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0008)

```

```

-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
-----
Map 1 ..... container  SUCCEEDED    14         14         0
0         0         0
Reducer 2 ..... container  SUCCEEDED     5          5         0
0         0         0
Reducer 3 ..... container  SUCCEEDED     1          1         0
0         0         0
-----
-----
VERTICES: 03/03  [=====>>>] 100%  ELAPSED TIME: 48.90
s
-----
-----
OK

```

```

2.6194508600006673E7
strong 4927445.599999605
Time taken: 49.546 seconds, Fetched: 2 row(s)
hive> select user_id, sum(price) as pr from sales_bucket where event_type
= 'purchase' group by user_id order by pr desc limit 10;
Query ID = hadoop_20210114123135_fa96e2d3-815d-47f2-9f2c-72d566090a4e
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0008)

```

```

-----
-----
VERTICES      MODE      STATUS  TOTAL  COMPLETED  RUNNING
PENDING  FAILED  KILLED
-----
-----
Map 1 ..... container  SUCCEEDED      3          3          0
0         0         0
Reducer 2 ..... container  SUCCEEDED      1          1          0
0         0         0
Reducer 3 ..... container  SUCCEEDED      1          1          0
0         0         0
-----
-----

```

```

VERTICES: 03/03 [=====>>] 100% ELAPSED TIME: 17.54
s
-----
-----

```

```

OK
557790271 2715.87
150318419 1645.9699999999998
562167663 1352.85
531900924 1329.4499999999998
557850743 1295.48
522130011 1185.3899999999996
561592095 1109.7000000000003
431950134 1097.5899999999995
566576008 1056.3600000000006
521347209 1040.9099999999996
Time taken: 18.264 seconds, Fetched: 10 row(s)
hive> select brand, sum(price) from sales_bucket where event_type =
'purchase' and (month(event_time) = 10) < (month(event_time) = 11) group
by brand;
Query ID = hadoop_20210114124027_48cca2be-a43e-472c-a5ea-5775535e6bbd
Total jobs = 1
Launching Job 1 out of 1
Tez session was closed. Reopening...
Session re-established.
Status: Running (Executing on YARN cluster with App id
application_1610617611610_0009)

```

VERTICES			MODE	STATUS	TOTAL	COMPLETED	RUNNING				
PENDING	FAILED	KILLED									

Map 1	.....		container	SUCCEEDED	3	3	0			
0	0	0									
Reducer 2	.....		container	SUCCEEDED	1	1	0			
0	0	0									

VERTICES: 02/02 [=====>>] 100% ELAPSED TIME: 22.76
s

OK

619509.23999999945

airnails 5691.52000000000095

almea 973.87000000000003

ardell 843.65000000000003

art-visage 2997.80000000000056

artex 4327.249999999993

aura 177.50999999999996

balbcare 212.37999999999997

barbie 12.39

batiste 874.16999999999998

beautix 12222.949999999979

beauty-free 1782.86000000000104

beautyblender 109.40999999999998

beauugreen 768.34999999999998

benovy 3259.97000000000003

bergamo 144.3

bespecial 70.5

binacil 24.259999999999998

bioaqua 1398.12000000000001

biofollica 257.93999999999994

biore 90.30999999999999

blixz 63.4

bluesky 10565.529999999775

bodyton 1380.6399999999999

bpw.style 14837.4400000000077

browxenna 14916.7300000000072

candy 799.37999999999997

carmex 243.35999999999999

chi 538.61

cnd 29166.589999999946

coifin 1428.4899999999998

concept 13380.399999999938

consly 153.850000000000002

coocla 133.0

cosima 20.929999999999996

cosmoprofi 14536.9900000000053

coxir 185.05

cristalinas 584.9499999999999

cruset 145.28

cutrin	367.62
de.lux	2775.5099999999994
deoproce	329.16999999999996
depilflax	2803.7799999999999
dermal	257.08
dewal	61.29
dizao	945.50999999999994
domix	12009.169999999984
dr.gloderm	11.07
ecocraft	241.95000000000005
ecolab	1214.3000000000002
egomania	146.04000000000002
elizavecca	204.3
ellips	606.04
elskin	307.6500000000001
emil	4098.82
enas	14.1
enigma	224.85000000000002
enjoy	136.57
entity	719.2599999999996
eos	152.61
estel	24142.66999999991
estelare	471.87
eunyul	234.15000000000026
f.o.x	8577.279999999999
fancy	50.62000000000005
farmavita	1291.9699999999996
farmona	1843.4299999999996
farmstay	1074.0599999999997
fedua	263.81
finish	230.38
fly	27.17
foamie	80.49
freedecor	7671.799999999991
freshbubble	502.3399999999998
frozen	12.18
gehwol	1557.6800000000003
glysolid	91.58999999999999
godefroy	425.12
grace	102.60999999999999
grattol	71472.7100000016
greymy	489.48999999999984
happyfons	1091.5900000000006
haruyama	12352.910000000102
helloganic	3.1
i-laq	366.71999999999986
igrobeauty	645.0700000000004
ingarden	33566.210000000065
inm	351.20999999999999
inoface	70.47
insight	1721.9600000000005
irisk	46946.03999999892
italwax	24799.369999999755
jaguar	1110.65

jas 3657.430000000002
jessnail 33345.2300000000425
joico 2015.1
juno 21.08
kaaral 5086.0700000000007
kamill 81.49000000000001
kapous 14093.0800000000027
kares 59.45
kaypro 3268.699999999999
keen 435.62
kerasys 525.2
keune 375.1
kims 632.0400000000001
kinetics 6945.2600000000038
kiss 817.3300000000002
kocostar 594.9300000000001
koelcia 112.75
koelf 507.28999999999985
konad 810.6699999999987
koreatida 46.11
kosmekka 1813.37
labay 41.78
laboratorium 312.52
lador 2471.5300000000007
ladykin 170.57
lakme 602.19
lamixx 672.2600000000001
latinoil 384.59000000000003
lebelage 218.27000000000004
levissime 3085.3100000000027
levrana 3664.100000000002
lianail 16394.2400000000096
likato 340.97
limoni 1796.6000000000004
litaline 135.74
lovely 11939.059999999932
lowence 567.75
lsanic 959.3399999999999
mane 260.26
marathon 10273.099999999999
markell 2834.430000000003
marutaka-foot 109.3300000000001
masura 33058.4699999999696
matreshka 182.67000000000002
matrix 3726.7400000000002
mavala 446.32000000000005
max 8664.230000000001
meisterwerk 340.0100000000005
metzger 6457.160000000007
milv 5642.009999999995
miskin 293.06999999999994
missha 2150.2799999999997
moyou 10.28000000000001
nagaraku 5327.68

naomi 389.0
naturmed 67.31
nefertiti 366.64
neoleor 51.7
nirvel 234.32999999999998
nitrile 1162.6799999999999
nitrimax 1809.64000000000035
oniq 9841.6500000000023
orly 931.09
osmo 762.31
ovale 3.1
parachute 307.30999999999995
petitfee 864.7999999999997
philips 6.86
plazan 194.01
pnb 6372.4899999999998
polarus 11371.9300000000008
pole 5527.2399999999981
profepil 118.02000000000001
profhenna 736.8499999999996
protokeratin 456.7900000000001
provoc 1063.82000000000013
rasyan 28.939999999999998
refectocil 3475.58000000000063
riche 202.41000000000003
rocknailstar 1.9
rosi 3841.5600000000005
roubloff 4913.7700000000014
runail 76758.659999999491
s.care 913.0699999999999
sanoto 1209.6799999999998
sawa 45.5
severina 6120.4799999999983
shary 1176.4899999999993
shik 4839.7200000000007
siberina 337.6499999999999
skinity 12.440000000000001
skinlite 890.4500000000008
skipofit 8.49
smart 5902.1400000000007
soleo 212.52999999999966
solomeya 2685.80000000000025
sophin 1515.52000000000013
staleks 11875.610000000004
strong 38671.269999999998
sun 65.9
sunuv 8042.1500000000003
supertan 66.50999999999999
swarovski 3043.16000000000053
tannymaxx 171.28
tazol 7.18
tertio 245.79999999999998
thuya 2604.9400000000005
tosowoong 27.3

```

treaclemoon 181.49
trind 542.9600000000002
uno 51039.749999999956
uskusi 5690.310000000004
veraclara 71.21
vilenta 231.20999999999998
vosev 316.7
weaver 6.48
yoko 11707.879999999994
ypsed 436.32
yu-r 673.7099999999999
zeitun 2009.6299999999994
zinger 6684.860000000003

```

Time taken: 32.449 seconds, Fetched: 214 row(s)

```

hive> select brand, sum(price) as pr from sales_bucket where event_type =
'purchase' group by brand order by pr desc limit 2;

```

Query ID = hadoop_20210114124303_a8e3b21f-ada0-40d3-92db-4284b99562ee

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id
application_1610617611610_0009)

```

-----
-----

```

	VERTICES	MODE	STATUS	TOTAL	COMPLETED	RUNNING
PENDING	FAILED	KILLED				

Map 1	container		SUCCEEDED	3	3	0
0	0	0				
Reducer 2	container		SUCCEEDED	1	1	0
0	0	0				
Reducer 3	container		SUCCEEDED	1	1	0
0	0	0				

```

-----
-----

```

VERTICES: 03/03 [=====>>] 100% ELAPSED TIME: 20.83
s

OK

```

1094188.3000002217
runail 148297.94000001193
Time taken: 21.498 seconds, Fetched: 219 row(s)
hive>

```