

Output(1):

```
sandbox login: raj_ops
raj_ops@sandbox.hortonworks.com's password:
Last login: Wed Feb  7 02:59:46 2024 from 172.17.0.2
[raj_ops@sandbox ~]$ hive

logging initialized using configuration in file:/etc/hive/2.5.0-0-1245/0/hive-log4j.properties

hive>
hive> show databases;
OK
default
roadmart
salesdb
Time taken: 1.666 seconds, Fetched: 3 row(s)
hive> create database anaydb;
OK
Time taken: 5.706 seconds
hive> use anaydb;
OK
Time taken: 0.292 seconds
hive> create table employee(id int,name varchar(20),address varchar(50),mobile bigint);
OK
Time taken: 1.01 seconds
hive> insert into employee values(101,'Anay','Mumbai',9876543120);
Query ID = raj_ops_20240207031350_ala9a416-3922-48cc-8daa-829ff86d710f
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1         1         0         0         0         0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 7.33 s
-----
loading data to table anaydb.employee
Table anaydb.employee stats: [numFiles=1, numRows=1, totalSize=27, rawDataSize=26]
OK
Time taken: 11.257 seconds
hive> select * from employee;
OK
101  Anay  Mumbai  9876543120
Time taken: 0.19 seconds, Fetched: 1 row(s)
hive>
```

```
at org.apache.hadoop.hive.cli.CliDriver.main(CliDriver.java:624)
at sun.reflect.NativeMethodAccessorImpl.invoke(Native Method)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.util.RunJar.run(RunJar.java:233)
at org.apache.hadoop.util.RunJar.main(RunJar.java:148)
FAILED: ParseException line 5:0 cannot recognize input near 'stored' 'as' 'orc' in table properties list
hive> create table employee1(id int,name varchar(20),address varchar(50),mobile bigint)
> partitioned by (load_date date)
> clustered by (id) into 3 buckets
> stored as orc tblproperties('transactional'='true');
OK
Time taken: 0.545 seconds
hive> insert into employee values(101,'Anay','Mumbai',9876543120);
FAILED: SemanticException [Error 10044]: line 1:12 Cannot insert into target table because column number/types are different 'employee': Table insclause-0 has 5 columns, but query has 4 columns.
hive> insert into employee1 values(101,'Anay','Mumbai',9876543120);
FAILED: SemanticException 1:12 Need to specify partition columns because the destination table is partitioned. Error encountered near token 'employee1'
hive> insert into employee1 partition(load_date='2024-02-07') values (101,'Anay','Santacruz',9865792312);
Query ID = raj_ops_20240207032847_calaa2d-95a9-4085-92e3-2810fbfe1c12
Total jobs = 1
Launching Job 1 out of 1
For session was closed. Reopening...
Session re-established.

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1         1         0         0         0         0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 10.41 s
-----
loading data to table anaydb.employee1 partition (load_date='2024-02-07')
Partition anaydb.employee1[load_date='2024-02-07'] stats: [numFiles=1, numRows=0, totalSize=0, rawDataSize=0]
OK
Time taken: 24.057 seconds
hive> alter table employee1 add columns (salary double);
OK
Time taken: 0.597 seconds
hive> update employee1 set salary=3500000 where id=101;
Query ID = raj_ops_20240207033242_84f82738-58c5-4e10-a0f8-3fdb7c3a4c4d
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0004)
```

```

Hortonworks Sandbox with HD: X nj_ops@sandbox: ~ Shell In X +
localhost:4200
hive> insert into employee1 values(101,'Anay','Mumbai',9876543210);
FAILED: SemanticException 1:12 Need to specify partition columns because the destination table is partitioned. Error encountered near token 'employee1'
hive> insert into employee1 partition(load_date='2024-02-07') values (101,'Anay','Santacruz',9865792312);
Query ID = rsj_ops_20240207032847_calsea2d-95e9-4085-92e3-2810fbfe1c12
Total jobs = 1
Launching Job 1 out of 1
1ez session was closed. Reopening...
Session re-established.

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED      1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 10.41 s
-----
loading data to table anyadb.employee1 partition (load_date=2024-02-07)
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=1, numRows=0, totalSize=870, rawDataSize=0]
OK
Time taken: 24.057 seconds
hive> alter table employee1 add columns (salary double);
OK
Time taken: 0.597 seconds
hive> update employee1 set salary=3000000 where id=101;
Query ID = rsj_ops_20240207033242_04f02730-58c5-4e10-adf8-3fdb7c3dc4dd
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED      3          3          0          0          0          0
Reducer 2 ..... SUCCEEDED      1          1          0          0          0          0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 26.09 s
-----
loading data to table anyadb.employee1 partition (load_date=null)
Time taken for load dynamic partitions : 997
Loading partition (load_date=2024-02-07)
Time taken for adding to write entity : 9
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=2, numRows=0, totalSize=1843, rawDataSize=0]
OK
Time taken: 31.374 seconds
hive>

```

```

Hortonworks Sandbox with HD: X nj_ops@sandbox: ~ Shell In X +
localhost:4200
hive> insert into employee1 partition(load_date='2024-02-07') values (102,'Mihir','Kandivali',8828356400,345467670);
FAILED: ParseException line 1:70 mismatched input 'Mihir' expecting ')' near '''' in value row constructor
hive> insert into employee1 partition(load_date='2024-02-07') values (102,'Mihir','Kandivali',8828356400,345467670);
Query ID = rsj_ops_20240207033706_f7f8a4d3-f1fa-4d8e-9e58-7cb097a57ba2
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED      1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 5.49 s
-----
loading data to table anyadb.employee1 partition (load_date=2024-02-07)
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=3, numRows=0, totalSize=2815, rawDataSize=0]
OK
Time taken: 8.216 seconds
hive> insert into employee1 partition(load_date='2024-02-07') values (103,'Krish','Dadar',8828346540,670);
Query ID = rsj_ops_20240207033840_647d445f-c472-493c-90db-aa2afdd89693
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED      1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 6.23 s
-----
loading data to table anyadb.employee1 partition (load_date=2024-02-07)
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=4, numRows=0, totalSize=3738, rawDataSize=0]
OK
Time taken: 8.261 seconds
hive> insert into employee1 partition(load_date='2024-02-07') values (104,'Karan','Dadar',8852746340,0);
Query ID = rsj_ops_20240207033956_942afa8d-80cc-4413-a690-8d4a13feb5f0
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----

```

```
Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 5.05 s
-----
loading data to table anaydb.employee1 partition (load_date=2024-02-07)
Partition anaydb.employee1(load_date=2024-02-07) stats: [numFiles=5, numRows=0, totalSize=4662, rawDataSize=0]
OK
Time taken: 6.54 seconds
hive> select * from employee1;
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07
102  Mihir  Kandivali  8828356400  3.45467678E8  2024-02-07
103  Krish  Dadar  8828346540  678.0  2024-02-07
104  Karan  Dadar  8852746340  8.0  2024-02-07
Time taken: 0.36 seconds, Fetched: 4 row(s)
hive> select id,name from employee1 order by id desc;
Query ID = raj_ops_20240207034106_1610e0a4-ca1d-404c-955a-39ebae82b2a7
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 21.63 s
-----
OK
104  Karan
103  Krish
102  Mihir
101  Anay
Time taken: 22.868 seconds, Fetched: 4 row(s)
hive> select address,count(*) from employee1 group by address;
Query ID = raj_ops_20240207034218_b16a2587-df47-40f2-8f7d-b6ed7df06a12
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)
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```
Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 21.63 s
-----
OK
104  Karan
103  Krish
102  Mihir
101  Anay
Time taken: 22.868 seconds, Fetched: 4 row(s)
hive> select address,count(*) from employee1 group by address;
Query ID = raj_ops_20240207034218_b16a2587-df47-40f2-8f7d-b6ed7df06a12
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.46 s
-----
OK
Dadar  2
Kandivali  1
Santacruz  1
Time taken: 11.727 seconds, Fetched: 3 row(s)
hive> delete from employee1 where id=104;
Query ID = raj_ops_20240207034325_d1b0ad01-a621-4dc1-98c2-7dff471d2cb1
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

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

```
104  Karan
103  Krish
102  Mihir
101  Anay
Time taken: 22.868 seconds, Fetched: 4 row(s)
hive> select address,count(*) from employee1 group by address;
Query ID = raj_ops_20240207034218_b16a2587-df47-40f2-8f7d-b6ed7df06a12
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED    3         3         0         0         0         0
Reducer 2 ..... SUCCEEDED    1         1         0         0         0         0
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.46 s
-----
OK
Dadar 2
Kandivall 1
Santacruz 1
Time taken: 11.727 seconds, Fetched: 3 row(s)
hive> delete from employee1 where id=104;
Query ID = raj_ops_20240207034325_d1bbad01-a621-4dc1-98c2-7dffa71d2cb1
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED    3         3         0         0         0         0
Reducer 2 ..... SUCCEEDED    1         1         0         0         0         0
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 13.37 s
-----
loading data to table anyadb.employee1 partition (load_date=null)
Time taken for load dynamic partitions : 434
Loading partition (load_date=2024-02-07)
Time taken for adding to write entity : 1
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=6, numRows=0, totalSize=5194, rawDataSize=0]
OK
Time taken: 17.234 seconds
hive>
```

```
-----
Map 1 ..... SUCCEEDED    3         3         0         0         0         0
Reducer 2 ..... SUCCEEDED    1         1         0         0         0         0
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.46 s
-----
OK
Dadar 2
Kandivall 1
Santacruz 1
Time taken: 11.727 seconds, Fetched: 3 row(s)
hive> delete from employee1 where id=104;
Query ID = raj_ops_20240207034325_d1bbad01-a621-4dc1-98c2-7dffa71d2cb1
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED    3         3         0         0         0         0
Reducer 2 ..... SUCCEEDED    1         1         0         0         0         0
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 13.37 s
-----
loading data to table anyadb.employee1 partition (load_date=null)
Time taken for load dynamic partitions : 434
Loading partition (load_date=2024-02-07)
Time taken for adding to write entity : 1
Partition anyadb.employee1(load_date=2024-02-07) stats: [numFiles=6, numRows=0, totalSize=5194, rawDataSize=0]
OK
Time taken: 17.234 seconds
hive> alter table employee1 rename to emp1;
OK
Time taken: 0.486 seconds
hive> show tables;
OK
emp1
employee
values_tmp_table_1
values_tmp_table_2
values_tmp_table_3
values_tmp_table_4
values_tmp_table_5
values_tmp_table_6
values_tmp_table_7
Time taken: 0.173 seconds, Fetched: 9 row(s)
hive>
```

```
Horntworks Sandbox with HD: x nj_ops@hantbox: ~ Shell In x +
localhost:4200

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 11.85 s
-----
OK
3
Time taken: 12.817 seconds, Fetched: 1 row(s)
hive> select min(salary) from emp1;
Query ID = raj_ops_20240207034623_8653bdf-9e03-47c7-b7c0-85dcaf8ae39
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      2      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 6.76 s
-----
OK
3.45467678E8
Time taken: 7.854 seconds, Fetched: 1 row(s)
hive> select min(salary) from emp1;
Query ID = raj_ops_20240207034659_05573143-0f1a-4870-ac3b-4f2f4d9e407c
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.53 s
-----
OK
070.0
Time taken: 11.853 seconds, Fetched: 1 row(s)
hive>
```

```
Horntworks Sandbox with HD: x nj_ops@hantbox: ~ Shell In x +
localhost:4200

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.53 s
-----
OK
070.0
Time taken: 11.853 seconds, Fetched: 1 row(s)
hive> select avg(salary) from emp1;
Query ID = raj_ops_20240207034744_f33ce3d5-9e61-47a8-a647-e68da919b99c
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 10.19 s
-----
OK
1.1632278533333333E8
Time taken: 11.381 seconds, Fetched: 1 row(s)
hive> select sum(salary) from emp1;
Query ID = raj_ops_20240207034821_c0aa42dc-ch27-4811-9557-633465675cb3
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707273480522_0003)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED    1      1      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 7.03 s
-----
OK
3.48968356E8
Time taken: 8.181 seconds, Fetched: 1 row(s)
hive>
```

Output(2):

```
hive> create table department(id int,name varchar(20),location varchar(50),eid int)
> partitioned by(load_date date)
> clustered by (id) into 3 buckets
> stored as orc tblproperties('transactional'='true');
OK
Time taken: 1.722 seconds
```

```
Time taken: 1.17 seconds, Fetched: 1 row(s)
hive> insert into department partition(load_date='2024-02-14') values(002,'DS Engineering','5th Floor',101);
Query ID = raj_ops_20240214031759_fc94e9d9-5f59-4230-8033-d5b6f61c21e5
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 5.09 s
-----
loading data to table anyadb.department partition (load_date=2024-02-14)
Partition anyadb.department[load_date=2024-02-14] stats: [numFiles=4, numRows=0, totalSize=3172, rawDataSize=0]
OK
Time taken: 6.708 seconds
hive> insert into department partition(load_date='2024-02-14') values(003,'ETC Engineering','5th Floor',103);
Query ID = raj_ops_20240214031852_29067fe1-a456-4073-abd9-94ad009f5900
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 3.67 s
-----
loading data to table anyadb.department partition (load_date=2024-02-14)
Partition anyadb.department[load_date=2024-02-14] stats: [numFiles=5, numRows=0, totalSize=4054, rawDataSize=0]
OK
Time taken: 6.984 seconds
hive> insert into empl partition(load_date='2024-02-07') values(104,'Karan','Sion',9568245876,1234);
Query ID = raj_ops_20240214032129_d771akc7-2670-4a4b-8a2f-1d0781f7641
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
```

```
Map 1 ..... SUCCEEDED    1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 5.77 s
-----
loading data to table anyadb.empl partition (load_date=2024-02-07)
Partition anyadb.empl[load_date=2024-02-07] stats: [numFiles=7, numRows=0, totalSize=6132, rawDataSize=0]
OK
Time taken: 7.12 seconds
hive> insert into department partition(load_date='2024-02-14') values(004,'IT Engineering','3th Floor',104);
Query ID = raj_ops_20240214032203_717d90e9-1ede-448f-a2a7-9e180078c540
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    1          1          0          0          0          0
-----
VERTICES: 01/01 [=====] 100% ELAPSED TIME: 3.51 s
-----
loading data to table anyadb.department partition (load_date=2024-02-14)
Partition anyadb.department[load_date=2024-02-14] stats: [numFiles=6, numRows=0, totalSize=4927, rawDataSize=0]
OK
Time taken: 5.113 seconds
hive> select * from empl e join department d
> on (e.id = d.eid);
Query ID = raj_ops_20240214032419_1b08b13a-c42f-44f3-9781-345934fab993
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
-----
Map 1 ..... SUCCEEDED    3          3          0          0          0          0
Map 2 ..... SUCCEEDED    3          3          0          0          0          0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 42.67 s
-----
hive>
```

```

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED  3      3      0      0      0      0
Map 2 ..... SUCCEEDED  3      3      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 31.87 s
-----
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07  2  DS Engineering  5th Floor  101  2024-02-14
102  Mihir  Kandivall  8828356400  3.45467678E8  2024-02-07  1  Computer Engineering  6th Floor  102  2024-02-14
103  Krish  Dadar  8828346540  678.0  2024-02-07  3  EXTC Engineering  5th Floor  103  2024-02-14
104  Karam  Sion  9568245876  1234.0  2024-02-07  4  IT Engineering  3th Floor  104  2024-02-14
Time taken: 34.13 seconds, Fetched: 4 row(s)
hive> select * from empl e right outer join department d
> on (e.id=d.id);
Query ID = raj_ops_20240214033302_e0b1212f-8416-4a62-b76a-cde92c4d3d7b
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED  3      3      0      0      0      0
Map 2 ..... SUCCEEDED  3      3      0      0      0      0
-----
VERTICES: 02/02 [=====] 100% ELAPSED TIME: 14.25 s
-----
OK
102  Mihir  Kandivall  8828356400  3.45467678E8  2024-02-07  1  Computer Engineering  6th Floor  102  2024-02-14
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07  2  DS Engineering  5th Floor  101  2024-02-14
103  Krish  Dadar  8828346540  678.0  2024-02-07  3  EXTC Engineering  5th Floor  103  2024-02-14
104  Karam  Sion  9568245876  1234.0  2024-02-07  4  IT Engineering  3th Floor  104  2024-02-14
NULL NULL NULL NULL NULL 5 ICB Engineering 3th Floor 105 2024-02-14
Time taken: 16.025 seconds, Fetched: 5 row(s)
hive> select * from empl e full outer join department d
> on (e.id=d.id);
Query ID = raj_ops_20240214033342_dca7a5c1-3b8d-4f1e-8255-024ec027cb0e
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

```

```

hive> select * from empl e full outer join department d
> on (e.id=d.id);
Query ID = raj_ops_20240214033456_f6a4807b-5162-4099-b08c-e82680f9e45
Total jobs = 1
Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application_1707878599504_0002)

-----
VERTICES    STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
Map 1 ..... SUCCEEDED  3      3      0      0      0      0
Map 3 ..... SUCCEEDED  3      3      0      0      0      0
Reducer 2 ..... SUCCEEDED  1      1      0      0      0      0
-----
VERTICES: 03/03 [=====] 100% ELAPSED TIME: 22.07 s
-----
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07  2  DS Engineering  5th Floor  101  2024-02-14
102  Mihir  Kandivall  8828356400  3.45467678E8  2024-02-07  1  Computer Engineering  6th Floor  102  2024-02-14
103  Krish  Dadar  8828346540  678.0  2024-02-07  3  EXTC Engineering  5th Floor  103  2024-02-14
104  Karam  Sion  9568245876  1234.0  2024-02-07  4  IT Engineering  3th Floor  104  2024-02-14
NULL NULL NULL NULL NULL 5 ICB Engineering 3th Floor 105 2024-02-14
Time taken: 24.224 seconds, Fetched: 5 row(s)
hive>

```

```

hive> create view if not exists empl_vw
> as select * from empl where address = 'Dadar';
OK
Time taken: 0.6 seconds
hive> select * from empl_vw;
0
103  Krish  Dadar  8828346540  678.0  2024-02-07
Time taken: 0.278 seconds, Fetched: 1 row(s)
hive> alter view empl_vw as select * from empl;
0
Time taken: 0.487 seconds
hive> select * from empl_vw;
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07
102  Mihir  Kandivall  8828356400  3.45467678E8  2024-02-07
103  Krish  Dadar  8828346540  678.0  2024-02-07
104  Karam  Sion  9568245876  1234.0  2024-02-07
Time taken: 0.228 seconds, Fetched: 4 row(s)
hive> drop view if exists empl_vw;
>;
FAILED: ParseException line 2:0 character '<EOF>' not supported here
hive> drop view if exists empl_vw;
OK
Time taken: 0.603 seconds
hive> select * from empl where address like 'SX';
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07
104  Karam  Sion  9568245876  1234.0  2024-02-07
Time taken: 0.265 seconds, Fetched: 2 row(s)
hive> select * from empl where name like '_ay';
OK
Time taken: 0.234 seconds
hive>

```

```

hive> select * from empl where name like '_ay';
OK
101  Anay  Santacruz  9865792312  3500000.0  2024-02-07
Time taken: 0.248 seconds, Fetched: 1 row(s)

```

```

hive> select * from empl where address like 'SK';
OK
101 Anay Santacruz 9865792312 3500000.0 2024-02-07
104 Karan Sion 9568245876 1234.0 2024-02-07
Time taken: 0.265 seconds, Fetched: 2 row(s)
hive> select * from empl where name like '_ay';
OK
Time taken: 0.234 seconds
hive> select * from empl where name like '_ay';
OK
Time taken: 0.212 seconds
hive> select * from empl where name like '_an';
OK
Time taken: 0.154 seconds
hive> select * from empl where name like 'Kan';
OK
104 Karan Sion 9568245876 1234.0 2024-02-07
Time taken: 0.164 seconds, Fetched: 1 row(s)
hive> select * from empl where name like '___ay';
OK
101 Anay Santacruz 9865792312 3500000.0 2024-02-07
Time taken: 0.248 seconds, Fetched: 1 row(s)
hive> select * from empl where salary >100000;
OK
101 Anay Santacruz 9865792312 3500000.0 2024-02-07
102 Mihir Kandivall 8828356400 3.45467678E8 2024-02-07
Time taken: 0.308 seconds, Fetched: 2 row(s)
hive> select * from empl where eid=104;
FAILED: SemanticException [Error 10004]: Line 1:25 Invalid table alias or column reference 'eid': (possible column names are: id, name, address, mobile, salary, load_date)
hive> select * from empl where id=104;
OK
104 Karan Sion 9568245876 1234.0 2024-02-07
Time taken: 0.209 seconds, Fetched: 1 row(s)

```

```

hive> select * from empl where salary>100000 and address='Santacruz';
OK
101 Anay Santacruz 9865792312 3500000.0 2024-02-07
Time taken: 0.255 seconds, Fetched: 1 row(s)

```