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|  |  |
|  | Transaction in hive |
|  |  |
|  | hive> set hive.support.concurrency = true; |
|  | hive> set hive.enforce.bucketing = true; |
|  | hive> set hive.exec.dynamic.partition.mode = nonstrict; |
|  | hive> set hive.txn.manager = org.apache.hadoop.hive.ql.lockmgr.DbTxnManager; |
|  | hive> set hive.compactor.initiator.on = true; |
|  | hive> set hive.compactor.worker.threads = 5; |
|  |  |
|  | hive> use default; |
|  | OK |
|  | Time taken: 1.068 seconds |
|  |  |
|  | CREATING TABLE |
|  | -------------------- |
|  | hive> CREATE TABLE college(clg\_id int,clg\_name string,clg\_loc string) clustered by (clg\_id) into 5 buckets stored as orc TBLPROPERTIES('transactional'='true'); |
|  | OK |
|  | Time taken: 6.831 seconds |
|  | hive> show tables; |
|  | OK |
|  | college |
|  | customer\_hive |
|  | first |
|  | Time taken: 0.155 seconds, Fetched: 3 row(s) |
|  | hive> |
|  |  |
|  | LOADING DATA |
|  |  |
|  | hive> INSERT INTO table college values(1,'nec','nlr'),(2,'vit','vlr'),(3,'srm','chen'),(4,'lpu','del'),(5,'stanford','uk'),(6,'JNTUA','atp'),(7,'cambridge','us'); |
|  | OK |
|  | Time taken: 336.718 seconds |
|  | hive> |
|  |  |
|  | hive>select \* from college; |
|  | OK |
|  | 5 stanford uk |
|  | 6 JNTUA atp |
|  | 1 nec nlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 3 srm chen |
|  | 4 lpu del |
|  | Time taken: 0.553 seconds, Fetched: 7 row(s) |
|  |  |
|  | RE INSERTING SAME VALUES |
|  | ------------------------ |
|  | hive> INSERT INTO table college values(1,'nec','nlr'),(2,'vit','vlr'),(3,'srm','chen'),(4,'lpu','del'),(5,'stanford','uk'),(6,'JNTUA','atp'),(7,'cambridge','us'); |
|  | OK |
|  | Time taken: 250.844 seconds |
|  | hive> |
|  |  |
|  |  |
|  | hive>select \* from college; |
|  | OK |
|  | 5 stanford uk |
|  | 5 stanford uk |
|  | 6 JNTUA atp |
|  | 1 nec nlr |
|  | 6 JNTUA atp |
|  | 1 nec nlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 3 srm chen |
|  | 3 srm chen |
|  | 4 lpu del |
|  | 4 lpu del |
|  | OK |
|  | Time taken: 0.33 seconds, Fetched: 14 row(s) |
|  |  |
|  | UPDATING TABLE DATA |
|  | -------------------- |
|  |  |
|  | hive> UPDATE college set clg\_id = 8 where clg\_id = 7; |
|  | FAILED: SemanticException[Error 10302]: Updating values of bucketing columns is not supported. Column clg\_id |
|  |  |
|  | hive>UPDATE college set clg\_name = 'IIT' where clg\_id = 6; |
|  | OK |
|  | Time taken: 31.33 seconds |
|  |  |
|  |  |
|  | hive>select \* from college; |
|  | OK |
|  | 5 stanford uk |
|  | 5 stanford uk |
|  | 6 IIT atp |
|  | 1 nec nlr |
|  | 6 IIT atp |
|  | 1 nec nlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 3 srm chen |
|  | 3 srm chen |
|  | 4 lpu del |
|  | 4 lpu del |
|  | OK |
|  | Time taken: 0.34 seconds, Fetched: 14 row(s) |
|  |  |
|  |  |
|  |  |
|  | DELETING TABLE DATA |
|  | -------------------- |
|  | hive>delete from college where clg\_id=5; |
|  | OK |
|  | Time taken: 31.33 seconds |
|  | hive>select \* from college; |
|  | OK |
|  | 5 stanford uk |
|  | 5 stanford uk |
|  | 6 IIT atp |
|  | 6 IIT atp |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 7 cambridge us |
|  | 2 vit vlr |
|  | 3 srm chen |
|  | 3 srm chen |
|  | 4 lpu del |
|  | 4 lpu del |
|  | OK |
|  | Time taken: 0.34 seconds, Fetched: 12 row(s) |