G. Pulla Reddy Engineering College (Autonomous): Kurnool Department of Computer Science and Engineering Big Data Technologies Lab (Scheme 2020)

Hive DML Commands

LOAD

SELECT

INSERT

DELETE

UPDATE

Steps to execute Lab program

- 1. Open terminal, type command hive
- 2. Enter following in hive

```
SET hive.support.concurrency=true;
```

SET hive.txn.manager=org.apache.hadoop.hive.ql.lockmgr.DbTxnManager;

SET hive.enforce.bucketing=true;

SET hive.exec.dynamic.partition.mode=nostrict;

SET hive.compactor.initiator.on=true;

SET hive.compactor.worker.threads=1;

3. Create the following table in hive prompt

```
CREATE TABLE student_table (rollno int, name string,cgpa float)
PARTITIONED BY (admission_date date)
CLUSTERED BY(rollno) INTO 3 BUCKETS
STORED AS ORC TBLPROPERTIES ('transactional'='true');
```

4. Insert values into the table created

```
INSERT INTO student_table partition (admission_date='2020-04-01')
VALUES (120, 'sreedhar',9.8);
```

```
INSERT INTO student_table partition (admission_date='2020-04-02')
VALUES (121, 'sree', 9.6);
```

```
INSERT INTO student_table partition (admission_date='2020-04-03')
VALUES (122, 'chowdam', 9.2);

INSERT INTO student_table partition (admission_date='2020-04-04')
VALUES (123, 'sreedharc', 8.8);
```

5. Update the table using the following

update student table set cgpa=10 where rollno = 123;

6. Delete

DELETE FROM student table WHERE rollno = 123;

Screenshots of the above steps

















