

1] Create Keyspace

> CREATE Keyspace Employee WITH replication = { 'class': 'SimpleStrategy', 'replication\_factor': 3 };

> use Employee;

2] Column-family

> Create COLUMNFAMILY employee-info (emp\_id, INT Primary Key, emp\_name VARCHAR, designation VARCHAR, doj VARCHAR, dept\_name VARCHAR, salary INT);

3] Insert in batch

> BEGIN BATCH

Insert into employee-info (emp\_id, <sup>emp</sup>dept\_name, designation, doj, dept\_name, salary) values (120, 'ABC', 'CEO', '09/11/2020', 'Executive', 1200000);

Insert into employee-info (emp\_id, emp\_name, designation, doj, dept\_name, salary) values (121, 'xyz', 'Manager', '09/11/2020', 'Operations', 100000);

APPLY BATCH;

4] UPDATE employee-info SET emp\_name = 'LMN', dept\_name = 'IT' WHERE emp\_id = 121;

5] SELECT \* from employee-info WHERE emp\_id IN (120, 121) ORDER BY salary;

6] ALTER TABLE employee-info ADD projects SET < VARCHAR >;

7] Update employee-info SET projects = projects + { 'Autovision' } WHERE emp\_id = 120;



8) BEGIN BATCH

... Insert into employee-info (emp-id,  
emp-name, designation, doj, dept-name, salary)  
values (122, 'ITK', 'Director', '09/11/2020',  
'IT', '\$1500000') USING TTL 15;  
APPLY BATCH;

Select TTL (designation) from employee-info  
WHERE emp-id=122;