(i) :- CREATE KEYSPACE Employee WITH replication = {'class':'SingleStrategy', 'replication_factor':3};

CREATE COLUMNFAMILY employee-info(emp_id INT PRIMARY KEY, emp_name VARCHAR, designation VARCHAR, doj VARCHAR, dept_name VARCHAR, salary INT);

BEGIN BATCH

    INSERT INTO employee_info (emp_id, dept_name, designation, doj, emp_name, salary) values (120, 'Development', 'CTO', '10/1/2015', 'Ayush', 2000000);

APPLY BATCH;

select * from employee_info;

UPDATE TABLE employee_info ADD project VARCHAR;

UPDATE employee_info SET project = 'TIP' WHERE emp_id=120;
   ''   ''   ''   '' = 'sentiment Analysis' WHERE emp_id=12
   ''   ''   ''   '' = 'facial Recognition' WHERE emp_id=123;

INSERT INTO employee_info(emp_id, dept_name, designation, doj, emp_name, project, salary) values (124, 'PP', 'Senior Manager', '8/8/2020', 'Load balancing server', 'Abhi', 20000) USING SELECT TTL (designation) TTL 60; FROM employee_info where emp_id=124;

② CREATE COLUMNFAMILY libraryinfo(stud_id uuid, counter_value counter, stud_name VARCHAR, book_name VARCHAR, book_id INT, DOI VARCHAR PRIMARY KEY(stud_id, stud_name, book_name, book_id, doi));

UPDATE libraryinfo set counter_value<counter_value+1 where stud_id=1ddf4325a-bcf4-4719-91bf-3e9ec5fca966 and stud_name='Anjali' and book_name='malgudi' and book_id=1 and doi='1/2/2020';

UPDATE " " " stud_id=uuid() and stud_name='Ayush' and book_name='Nardy boys' and book_id=1 and doi='1/2/2020';

UPDATE " " " stud_id=uuid() and stud_id='meghna' and book_name='BDA' and book_id=1 and doi='1/2/2020';

select * from libraryinfo;

UPDATE libraryinfo set counter_value=counter_value+1 where stud_id=a56165fc-11c0-4a41-baob-e4ad8dd7b89d and stud_name='meghna' and book_name='BDA' and book_id=1 and doi='1/2/2020';

select * from libraryinfo;

select * from libraryinfo where counter_value=2 ALLOW FILTERING;

CAPTURE

CAPTURE 'c:\Users\Niyathi\Desktop\BDALab\user.csv';

select * from libraryinfo;