

BIG DATA ANALYTICS LAB

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1. CREATE KEYSPACE Employee WITH replication = {class':
'SimpleStrategy', 'replication-factor': 3};
use Employee;

2. CREATE COLUMNFAMILY employee-info (emp-id INT
PRIMARY KEY, emp-name VARCHAR,
designation VARCHAR, doj VARCHAR, dept-
name VARCHAR, salary INT);

3. BEGIN BATCH

INSERT INTO employee-info (emp-id, dept-name,
designation, doj, emp-name, salary) values
(120, 'Development', 'CTO', '10/11/2015', 'Ajay',
2000000);

⋮

APPLY BATCH

SELECT * from employee-info;

4. UPDATE employee-info SET emp-name = 'Akash',
dept-name = 'IT' WHERE emp-id = 121;
select * from employee-info;

5. ALTER TABLE employee-info ADD project VARCHAR;

6. UPDATE employee_info SET project = 'TIP' WHERE emp-id = 120;

UPDATE employee_info SET project = 'Sentiment Analysis'

WHERE emp-id = 121;

UPDATE employee_info SET project = 'Facial Recognition'

WHERE emp-id = 123;

7. INSERT INTO employee_info (emp-id, dept_name, designation, doj, emp_name, project, salary) values (124, 'PR', 'senior Manager', '8/8/2020', 'Load balancing server', 'Abhi', 200000) USING TTL 60;

SELECT TTL (designation) FROM employee_info where emp-id = 124;

② 1. CREATE COLUMNFAMILY libraryinfo (stnd-id, uid, counter-value, counter, stnd-name, VARCHAR, book-name VARCHAR, book-id INT, DOI VARCHAR, PRIMARY KEY (stnd-id, stnd-name, book-name, book-id, doi));

3. UPDATE ~~PR~~ libraryinfo set counter-value = counter-value + 1 where stnd-id = cd43759-bc64-4119-91bf-4119-91bb and stnd-name = 'Anjali' and book-name = 'malgudi' and book-id = 4 and doi = '1/2/2020';

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3. UPDATE libraryinfo set counter-value = counter-value + 1 where ebn-id = a5b165fc-11c0-4e47-ba0b-
-e4ad2ddfb69d and ebn-name = 'meghana'
and book-name = 'BDA' and book-id = 1 and
date = '1/2/2020';

select * from libraryinfo;

5. SELECT * from libraryinfo where counter-
values = 2 ALLOW FILTERING;

6. CAPTURE

CAPTURE 'C:\Users\user\Documents\meghana\
Desktop\BDA\BDA lab\user.csv';

SELECT * from libraryinfo;