Ravi Kumar
1BM17CS150

BDA Lab

(R&D)   ½

9-11-20

Employee

* CREATE KEYSPACE Emplyoees with replication = {'class':
'Simple Stralegy', 'replication-factor': 3};

* use Emplyoees;

* CREATE COLUMNFAMILY employee-info(Emp-id INT
PRIMARY KEY, Emp-name VARCHAR Designation
VARCHAR, Date-of-Joining VARCHAR, Salary
FLOAT, Dept-name VARCHAR);

* BEGIN BATCH INSERT INTO Emplyoee-info(empid,
emp-name, designation, Date-of-joining, Salary,
Dept-name) values (118, 'ABC', 'CEO', '01/01/1998',
10000, 'IT') APPLY BATCH;

* Select * from emplyoee-info;

Horizon

* UPPATE employee-info set emp-name = 'New Name', dept-name = 'New Dept' where emp-id = 121;

* ALTER Table employee-info add PROJECT Set < VARCHAR>;

* UPDATG employee-info set project = project + { 'p-1', 'p-2'} where emp-id=122;

* BEGIN BATCH INSERT INTO employee-info (emp-id, emp-name, designation, Date-of-joining, Salary, Dept-name) values (123, 'New Name1', 'Manager', '05/06/2020, 20000, 'IT') USING TTL 15; APPLY BATCH;

* Select TTL (designation) from employee-info where emp-id = 123;

Library

* CREATE KEYSPACE library with replication = {'class':
  'simple strategy', 'replication-factor':3};

* use library;

* CREATE COLUMNFAMILY library_info (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));

* BEGIN BATCH INSERT INTO library-info (stud-id,
  counter-value, stud-name, book-name, book-id,
  DOI) values (123, 0, 'ABC', 'BDA', 1001,
  '07/07/1999') APPLY BATCH;

* UPDATE library-info set counter-value = counter-
  value + 1 where stud id = 123;

* select * from library-info;

* Select * from library-info where counter-value = 2 allow filtering;

* ~~UPDATE library-info set counter-value = counter-value +1, stud-name, book-name, book-id, doi) values~~

* UPDATE library-info set counter-value = counter-value +1, stud-id = uvid() and stud-name = 'PQR' and book-name = 'WEB' and book-id = 3, doi = '05/06/2008';

* COPY library-info (stud-id, counter-value, stud-name, book-name, book-id, doi) TO '.... /res.csv' with header = true;

* COPY library-info (stud-id, counter-value, stud-name, book-name, book-id, doi) FROM ''.... res.csv' with header = true;