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IBM17CS119

BDA Lab

① or Create Keyspace Employee with replication = { `class`: `Simple Strategy`, `replication factor`: 3 };
USE Employee;
Create Column Family 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 Employee_Info (Emp_ID, Emp_Name, Designation, Date_of_Joining, Salary, Dept_name)
Values (120, 'Ram', 'CEO', '12/04/2019', 3000000, 'IT');
:
APPLY BATCH;

Select * From Employee_Info;

Update Employee_Info Set Emp_Name = `Krishna`; Dept_Name = 'HR' where
Emp_ID = 121;

ALTER Table Employee_Info Add Project VARCHAR,

Update Employee_Info Set Project = 'A' where Emp_ID = 120,
:

Begin Batch
Insert into Employee_Info (....) Values (....) Using TTL 15;
APPLY BATCH;

Select TTL (Designation) From Employee_Info where Emp_ID = 123;

② Create Keyspace Library with replication = { 'class' : 'Simple Strategy', 'replication_factor' : 3 };
Use Library;

Create Column Family Library_Info (Stud_ID INT, 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 Library_Info SET Counter_value = counter_value+1 where Stud_id = 111 and Stud_Name = 'Ram' and Book_Name = 'ABC' and Book_ID = 100 and DOI = '03/08/2020';

Select * From Library_info where Counter_value = 2 ALLOW FILTERING;

COPY Library_info (Stud_ID, Counter_value, Stud_Name, Book_Name, Book_ID, DOI) To `C:\Users\.....\@5.csv` WITH HEADER = TRUE;

COPY Library_info(...) FROM `C:\Users\....\@5.csv` With Header = True;