

11/04/23

DATE:

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working with cassandra

→ CREATE KEYSPACE Students WITH REPLICATION =
{'class': 'SimpleStrategy', 'replication_factor': 1};

→ DESCRIBE KEYSPACES;

→ Select * from system.schema.keyspaces;

→ use Students

→ create table 'Students-info' (Roll No int PRIMARY KEY,
Studname text, Date of joining timestamp, Last exam Percent double)

→ describe tables;

→ describe system-schema.tables

→ Begin Batch

insert into Students-info (Roll No, Studname, Date of joining,
last exam-percent)

values(1, 'Asha', '2012-03-12', 79.9)

values(2, 'Kiran', '2012-03-12', 89.9)

values(3, 'Tara', '2012-03-12', 78.9)

values(4, 'Samarth', '2012-03-12', 90.9)

values(5, 'Saritha', '2012-03-12', 67.9)

values(6, 'Rohan', '2012-03-12', 56.9)

Apply batch.

→ Select * from Students-info.

- > select * from students_info where Roll_No IN (1,2,3);
- > select * from students_info where StudName = 'Asha';
- > create index on students_info (StudName);
- > select * from students_info where StudName = 'Asha';
- > select Roll_No, StudName from students_info limit 2;
- > select Roll_No as USN from students_info;
- > update students_info set StudName = 'David Sheen' where Roll_No = 2;
- > update students_info set Roll_No = 6 where Roll_No = 3;
- > delete last_exam_percent from student_info where Roll_No = 2;
- > delete from students_info where Roll_No = 2;
- > Alter table students_info Add hobbies set <text>;
- > Alter table students_info Add language list <text>;
- > update students_info set hobbies = hobbies + 'chess', 'Table Tennis' where Roll_No = 1;
- > update students_info set language = language + 'hindi', 'english' where Roll_No = 1;
- > select * from students_info;

Counter

- Create Table library_book(counter value counter, book_name varchar, studname varchar, PRIMARY KEY (book_name, studname));
- update library_book set counter_value = counter_value + 1 where book_name = 'BDA' AND studname = 'jeet';
- create table userlogin(userid int PRIMARY KEY, password text);
- insert into userlogin(userid, password) values(1, 'inpy');
- using TTL 30;
- select TTL(password) from userlogin where userid = 1.

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