

ASSIGNMENT 2

IBM DB2 ON CLOUD

I. SATHIYA PRIYA (TEAM MEMBER1)

TABLE CREATION & INSERTION OF DATASET:

The screenshot displays the IBM Db2 on Cloud web interface. The top navigation bar includes tabs for 'Welcome to Project Delight', 'IBM', 'CAD-B8-2A45(Evening Sessio...', 'Service Details - IBM Cloud', and 'IBM Db2 on Cloud'. The main interface is divided into two panels: 'Schemas' and 'Tables'.

Schemas Panel:

Name	Type	Tables
MPQ60284	User	1

Total: 1, selected: 1

Tables Panel:

Name	Schema	Properties
STUDENTS	MPQ60284	...

Total: 1, selected: 0

The bottom of the image shows a Windows taskbar with the date and time set to 11:53 on 16-10-2022.

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

Tables New table +

Name	Schema	Properties
STUDENTS	MPQ60284	...

Total: 1, selected: 0

Table definition

STUDENTS
Approximate 5 rows (32.0 KB)
Updated on 2022-10-08 15:15:14

Name	Data type	Nullable	Length	Scale
USER NAME	VARCHAR	Y	255	0
ROLL NUMBER	INTEGER	Y		0
EMAIL ID	VARCHAR	Y	255	0
PASSWORD	VARCHAR	Y	255	0

View data

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

MPQ60284.STUDENTS Back

Export to CSV

USER NAME	ROLL NUMBER	EMAIL ID	PASSWORD
DINESH	7845	dinesh16@gmail.com	dinesh123
PRIYA	7829	priya05@gmail.com	priya123
PRIYANKA	7825	priyanka24@gmail.com	priyanka123
REENA	7649	reena22@gmail.com	reena123
SATHIYA	7593	sathyasp22@gmail.com	sathiya123

UPDATION OF DATA:

The screenshot shows the IBM Db2 on Cloud console. The left sidebar contains navigation icons for Data objects, My script, and SQL. The main area is divided into two panes. The left pane, titled 'My script', shows a list of saved scripts with details like 'Saved 3/13/2018', 'Script UPDATE DB2ADMIN.TABLE...', 'Owner 911719104060@smartint...', 'Category Default', 'Size 80B', 'Saved 10/8/2022', and 'Script insert into students values...'. The right pane, titled 'Template - D...', shows a SQL editor with the following code:

```
1 DELETE FROM students WHERE PASSWORD = 'priya123' ;
2
```

Below the editor is a 'History' section with a search bar and a table of script execution history:

Script	Date	Status	Runtime
Template - Delete Statement	Oct 16, 2022 1:07:59 PM	1	0.099 s
DELETE FROM students WHERE ROLL NUMBER = 7829		1	0.099 s
Template - Delete Statement	Oct 16, 2022 1:04:14 PM	1	0.160 s

The screenshot shows the IBM Db2 on Cloud console displaying the table data for 'MPQ60284.STUDENTS'. The table has four columns: USER NAME, ROLL NUMBER, EMAIL ID, and PASSWORD. The data is as follows:

USER NAME	ROLL NUMBER	EMAIL ID	PASSWORD
DINESH	7845	dinesh16@gmail.com	dinesh123
PRIYANKA	7825	priyanka24@gmail.com	priyanka123
REENA	7649	reena22@gmail.com	reena123
SATHIYA	7593	sathiasp22@gmail.com	sathiya123

DELETION OF DATA:

IBM Db2 on Cloud

MPQ60284

Template - Delete...

* UPDATE

```
1 UPDATE students SET PASSWORD = 'priyan123' WHERE PASSWORD = 'priyanka123';
2
3
```

History

Script	Date	Status	Runtime
Untitled - 1	Oct 16, 2022 1:30:12 PM	1	0.004 s
Untitled - 1	Oct 16, 2022 1:29:47 PM	1	0.008 s
UPDATE students SET PASSWORD = 'priyan123' WHERE PASSWORD = 'priy...			0.008 s

MPQ60284.STUDENTS

USER NAME

ROLL NUMBER

EMAIL ID

PASSWORD

DINESH

7845

dinesh16@gmail.com

dinesh123

PRIYANKA

7825

priyanka24@gmail.com

priyan123

REENA

7649

reena22@gmail.com

reena123

SATHIYA

7593

sathiyasp22@gmail.com

sathiya123