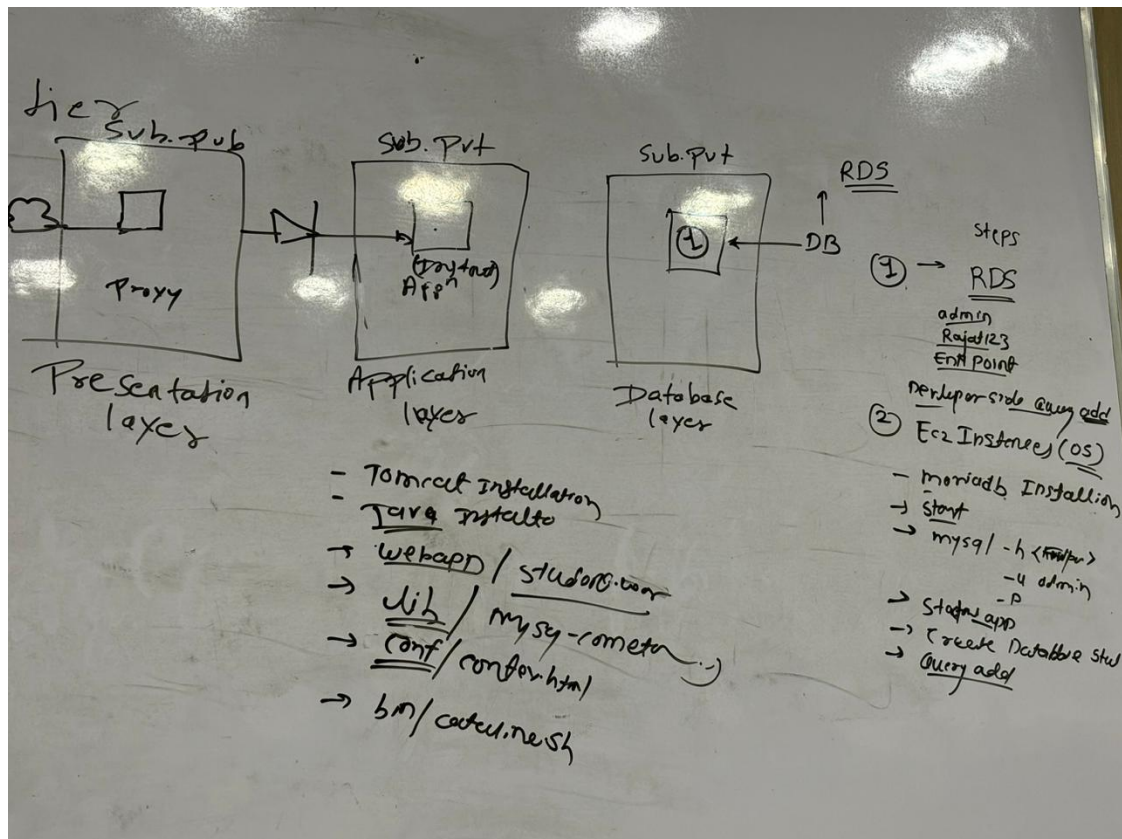


RDS – Relational Database Service



Link provided by Developer

<https://s3-us-west-2.amazonaws.com/studentapi-cit/>

RDS → Create Databases

Choose a database creation method [Info](#)

☐ Standard create
You set all of the configuration options, including ones for availability, security, backups, and maintenance.

☒ **Easy create**
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Configuration

Engine type [Info](#)

☐ Aurora (MySQL Compatible)

☐ Aurora (PostgreSQL Compatible)

☐ MySQL

☒ **MariaDB**

☐ PostgreSQL

☐ Oracle

DB instance size

☐ Production
db.r6g.xlarge
4 vCPUs
32 GiB RAM
500 GiB
1.146 USD/hour

☐ Dev/Test
db.r6g.large
2 vCPUs
16 GiB RAM
100 GiB
0.260 USD/hour

☒ Free tier
db.t3.micro
2 vCPUs
1 GiB RAM
20 GiB
0.029 USD/hour

DB instance identifier

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

Master username [Info](#)

Type a login ID for the master user of your DB instance.

1 to 16 alphanumeric characters. The first character must be a letter.

Credentials management

You can use AWS Secrets Manager or manage your master user credentials.

☐ Managed in AWS Secrets Manager - *most secure*
RDS generates a password for you and manages it throughout its lifecycle using AWS Secrets Manager.

☒ Self managed
Create your own password or have RDS create a password that you manage.

☐ Auto generate password

Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

Create EC2 Instance

Changes in Security Group → Whitelist SSH, HTTP & 8080 → **(Make same changes in RDS also)**

Inbound rules (4)									
<input type="text" value="Search"/>									
<div>< 1 > ⚙</div>									
<input type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range			
<input type="checkbox"/>	-	sgr-0fceb65dae368b923	IPv4	HTTP	TCP	80			
<input type="checkbox"/>	-	sgr-09e6ae59434a343...	IPv4	SSH	TCP	22			
<input type="checkbox"/>	-	sgr-06b614d1b0afb61a9	IPv4	Custom TCP	TCP	8080			
<input type="checkbox"/>	-	sgr-08002a115797f8c62	IPv4	MYSQL/Aurora	TCP	3306			

Switch to Root User-

sudo -i

sudo apt update

Install MariaDB

```
apt install mariadb*
```

```
systemctl start mariadb
```

```
systemctl status mariadb
```

Connection with Database

Take Endpoint from RDS

```
mysql -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p
```

SQL Queries-

```
show databases;
```

```
create database studentapp;
```

```
use studentapp;
```

<https://s3-us-west-2.amazonaws.com/studentapi-cit/student-rds.sql>

Download file from above link

```
CREATE TABLE if not exists students(student_id INT NOT NULL AUTO_INCREMENT,  
    student_name VARCHAR(100) NOT NULL,  
    student_addr VARCHAR(100) NOT NULL,  
    student_age VARCHAR(3) NOT NULL,  
    student_qual VARCHAR(20) NOT NULL,  
    student_percent VARCHAR(10) NOT NULL,  
    student_year_passed VARCHAR(10) NOT NULL,  
    PRIMARY KEY (student_id)  
);
```

Install JDK 11

```
sudo apt-get install openjdk-11-jdk
```

Install Apache Tomcat

wget <https://archive.apache.org/dist/tomcat/tomcat-8/v8.5.78/bin/apache-tomcat-8.5.78.tar.gz>

ls

tar -xvzf apache-tomcat-8.5.78.tar.gz

Make changes in Directories:


1. webapp – cd webapp

Download student.war file in webapp using URL

wget <https://s3-us-west-2.amazonaws.com/studentapi-cit/student.war>

▼ <Contents>

```
<Key>student.war</Key>
<LastModified>2019-02-07T02:53:06.000Z</LastModified>
<ETag>"59ad1ce0f50cb1a6265941f3498a69eb"</ETag>
<Size>89423</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
```

 <https://s3-us-west-2.amazonaws.com/studentapi-cit/student.war>

2. lib – cd lib

Download mysql-connector.jar in lib using URL

wget <https://s3-us-west-2.amazonaws.com/studentapi-cit/mysql-connector.jar>

▼ <Contents>

```
<Key>mysql-connector.jar</Key>
<LastModified>2019-02-06T15:50:16.000Z</LastModified>
<ETag>"80e4321ee33dd6670e3643d85bf5c7c0"</ETag>
<Size>1007502</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
```

 <https://s3-us-west-2.amazonaws.com/studentapi-cit/mysql-connector.jar>

3. conf – cd conf

→ changes in context.xml → (Check Spaces Preciously)

vim context.xml

```
<!-- The contents of this file will be loaded for each web application -->
<Context>

    <Resource name="jdbc/TestDB" auth="Container" type="javax.sql.DataSource" maxTotal="500"
maxIdle="30" maxWaitMillis="1000" username="admin" password="Rushi123"
driverClassName="com.mysql.jdbc.Driver"
url="jdbc:mysql://database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com:3306/studentapp"/>

    <!-- Default set of monitored resources. If one of these changes, the -->
    <!-- web application will be reloaded. -->
```

```
<Resource name="jdbc/TestDB" auth="Container" type="javax.sql.DataSource" maxTotal="500"
maxIdle="30" maxWaitMillis="1000" username="admin" password="Rushi123"
driverClassName="com.mysql.jdbc.Driver"
url="jdbc:mysql://database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com:3306/studentapp"/>
```

4. bin → cd bin

→ Give Execution permission for catalina.sh

||

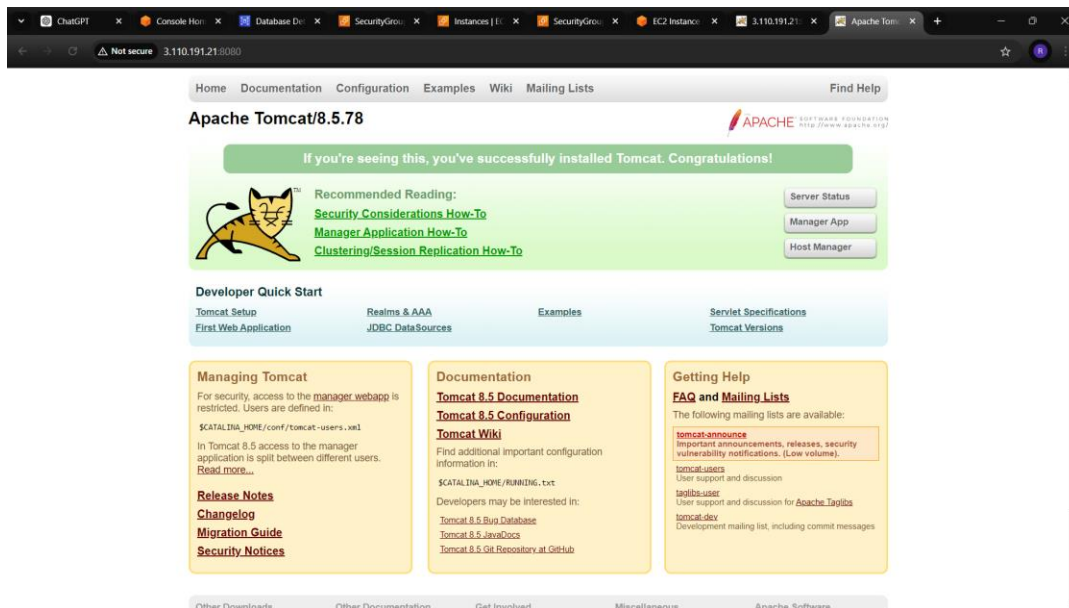
chmod o+x catalina.sh

|| → check permission

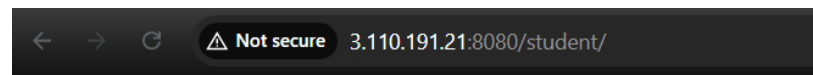
./catalina.sh start

To check running webpage → USE 8080 after Public IP Address

http://3.110.191.21:8080/

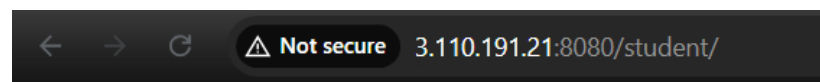


http://3.110.191.21:8080/student/



Student Registration Form

Student Name	<input type="text"/>
Student Address	<input type="text"/>
Student Age	<input type="text"/>
Student Qualification	<input type="text"/>
Student Percentage	<input type="text"/>
Year Passed	<input type="text"/>
<input type="button" value="register"/>	



Student Registration Form

Student Name	<input type="text" value="Rushi"/>
Student Address	<input type="text" value="Pune"/>
Student Age	<input type="text" value="26"/>
Student Qualification	<input type="text" value="BE Computer"/>
Student Percentage	<input type="text" value="78.65"/>
Year Passed	<input type="text" value="2021"/>
<input type="button" value="register"/>	

[Register Student](#)

Students List

Student ID	StudentName	Student Addr	Student Age	Student Qualification	Student Percentage	Student Year Passed	Edit	Delete
1	Rushi	Pune	26	BE Computer	78.65	2021	edit	delete
2	Pratham	Pune	24	MCA	80.19	2022	edit	delete
3	Shubham	Jalna	25	BCOM	99.99	2021	edit	delete
4	Nutan	UAE	24	MCA	89.05	2022	edit	delete
5	Ahmed Sanket Bin Sulayem	UAE	22	PhEd in URDU	99.99	2022	edit	delete

Check it in Database SQL

mysql -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p

use studentapp;

select * from students;

```
MariaDB [studentapp]> select * from students;
```

student_id	student_name	student_addr	student_age	student_qual	student_percent	student_year_passed
1	Rushi	Pune	26	BE Computer	78.65	2021

```
1 row in set (0.001 sec)
```

desc students; → describe the **structure** of a table.

```
MariaDB [studentapp]> DESC students;
```

Field	Type	Null	Key	Default	Extra
student_id	int(11)	NO	PRI	NULL	auto_increment
student_name	varchar(100)	NO		NULL	
student_addr	varchar(100)	NO		NULL	
student_age	varchar(3)	NO		NULL	
student_qual	varchar(20)	NO		NULL	
student_percent	varchar(10)	NO		NULL	
student_year_passed	varchar(10)	NO		NULL	

```
7 rows in set (0.001 sec)
```

Backup using Linux

Backup Both Data and Schema

Syntax-

mysqldump -h [RDS-Endpoint] -u admin -p [DB_Name] > [Give_Dir_Name]

```
sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p studentapp > my_backup.sql
```

cat my_backup.sql

```
root@ip-172-31-1-190:~# sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p studentapp > my_backup.sql
Enter password:
```

```

root@ip-172-31-1-190:~# cat my_backup.sql
/*!999999\ - enable the sandbox mode */
-- MariaDB dump 10.19  Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)
--
-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com    Database: studentapp
--
-- Server version          10.11.8-MariaDB-log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `students`
--

DROP TABLE IF EXISTS `students`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `students` (
  `student_id` int(11) NOT NULL AUTO_INCREMENT,
  `student_name` varchar(100) NOT NULL,
  `student_addr` varchar(100) NOT NULL,
  `student_age` varchar(3) NOT NULL,
  `student_qual` varchar(20) NOT NULL,
  `student_percent` varchar(10) NOT NULL,
  `student_year_passed` varchar(10) NOT NULL,
  PRIMARY KEY (`student_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
/*!40101 SET character set client = @saved_cs_client */;

--
-- Dumping data for table `students`
--

LOCK TABLES `students` WRITE;
/*!40000 ALTER TABLE `students` DISABLE KEYS */;
INSERT INTO `students` VALUES
(1,'Rushi','Pune','26','BE Computer','78.65','2021'),
(2,'Pratham','Pune','24','MCA','80.19','2022'),
(3,'Shubham','Jalna','25','BCOM','99.99','2021'),
(4,'Nutan','UAE','24','MCA','89.05','2022'),
(5,'Ahmed Sanket Bin Sulayem','UAE','22','PhEd in URDU','99.99','2022');
/*!40000 ALTER TABLE `students` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2024-08-22 17:58:07
root@ip-172-31-1-190:~#

```


Backup Only Data

Syntax-

`mysqldump -h [RDS-Endpoint] -u admin -p --no-create-info [DB_Name] > [Give_Dir_Name]`

`sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p --no-create-info studentapp > my_backup_for_Data.sql`

`cat my_backup_for_Data.sql`

```
root@ip-172-31-1-190:~# sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p --no-create-info studentapp > my_backup_for_Data.sql
Enter password:

root@ip-172-31-1-190:~# cat my_backup_for_Data.sql
/*!999999\ - enable the sandbox mode */
-- MariaDB dump 10.19 Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)
--
-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com Database: studentapp
--
-- Server version 10.11.8-MariaDB-log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Dumping data for table `students`
--

LOCK TABLES `students` WRITE;
/*!40000 ALTER TABLE `students` DISABLE KEYS */;
INSERT INTO `students` VALUES
(1,'Rushi','Pune','26','BE Computer','78.65','2021'),
(2,'Pratham','Pune','24','MCA','80.19','2022'),
(3,'Shubham','Jalna','25','BCOM','99.99','2021'),
(4,'Nutan','UAE','24','MCA','89.05','2022'),
(5,'Ahmed Sanket Bin Sulayem','UAE','22','PhEd in URDU','99.99','2022');
/*!40000 ALTER TABLE `students` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2024-08-22 18:20:10
```

Backup Only Schema

Syntax-

`mysqldump -h [RDS-Endpoint] -u admin -p --no-data [DB_Name] > [Give_Dir_Name]`

`sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p --no-data studentapp > my_backup_for_Schema.sql`

```
root@ip-172-31-1-190:~# sudo mysqldump -h database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com -u admin -p --no-data studentapp > my_backup_for_Schema.sql
Enter password:
```

```
root@ip-172-31-1-190:~# cat my_backup_for_Schema.sql
/*!999999\~ enable the sandbox mode */
-- MariaDB dump 10.19  Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)
--
-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com    Database: studentapp
--
-- Server version        10.11.8-MariaDB-log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `students`
--

DROP TABLE IF EXISTS `students`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `students` (
  `student_id` int(11) NOT NULL AUTO_INCREMENT,
  `student_name` varchar(100) NOT NULL,
  `student_addr` varchar(100) NOT NULL,
  `student_age` varchar(3) NOT NULL,
  `student_qual` varchar(20) NOT NULL,
  `student_percent` varchar(10) NOT NULL,
  `student_year_passed` varchar(10) NOT NULL,
  PRIMARY KEY (`student_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2024-08-22 18:31:00
root@ip-172-31-1-190:~#
```

Backup Both Data and Schema

```
root@ip-172-31-1-190:~# cat my_backup.sql

/*!999999\ - enable the sandbox mode */

-- MariaDB dump 10.19 Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)

--

-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com Database: studentapp

-- -----

-- Server version 10.11.8-MariaDB-log


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `students`

--

DROP TABLE IF EXISTS `students`;

/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `students` (
  `student_id` int(11) NOT NULL AUTO_INCREMENT,
```

```

`student_name` varchar(100) NOT NULL,
`student_addr` varchar(100) NOT NULL,
`student_age` varchar(3) NOT NULL,
`student_qual` varchar(20) NOT NULL,
`student_percent` varchar(10) NOT NULL,
`student_year_passed` varchar(10) NOT NULL,
PRIMARY KEY (`student_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `students`
--

LOCK TABLES `students` WRITE;
/*!40000 ALTER TABLE `students` DISABLE KEYS */;
INSERT INTO `students` VALUES
(1,'Rushi','Pune','26','BE Computer','78.65','2021'),
(2,'Pratham','Pune','24','MCA','80.19','2022'),
(3,'Shubham','Jalna','25','BCOM','99.99','2021'),
(4,'Nutan','UAE','24','MCA','89.05','2022'),
(5,'Ahmed Sanket Bin Sulayem','UAE','22','PhEd in URDU','99.99','2022');
/*!40000 ALTER TABLE `students` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

```

```
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

```
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

```
-- Dump completed on 2024-08-22 17:58:07
```

Backup only for Data

```
root@ip-172-31-1-190:~# cat my_backup_for_Data.sql
```

```
/*!999999\ - enable the sandbox mode */
```

```
-- MariaDB dump 10.19 Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)
```

```
--
```

```
-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com Database: studentapp
```

```
-- -----
```

```
-- Server version 10.11.8-MariaDB-log
```

```
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
```

```
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
```

```
/*!40101 SET NAMES utf8mb4 */;
```

```
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
```

```
/*!40103 SET TIME_ZONE='+00:00' */;
```

```
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
```

```
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
```

```
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
```

```
--
```

```
-- Dumping data for table `students`
```

```
--
```

```
LOCK TABLES `students` WRITE;
```

```
/*!40000 ALTER TABLE `students` DISABLE KEYS */;
```

```

INSERT INTO `students` VALUES
(1,'Rushi','Pune','26','BE Computer','78.65','2021'),
(2,'Pratham','Pune','24','MCA','80.19','2022'),
(3,'Shubham','Jalna','25','BCOM','99.99','2021'),
(4,'Nutan','UAE','24','MCA','89.05','2022'),
(5,'Ahmed Sanket Bin Sulayem','UAE','22','PhEd in URDU','99.99','2022');
/*!40000 ALTER TABLE `students` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

```

```
-- Dump completed on 2024-08-22 18:20:10
```

Backup only for Schema

```
root@ip-172-31-1-190:~# cat my_backup_for_Schema.sql
```

```
/*!999999\ - enable the sandbox mode */
```

```
-- MariaDB dump 10.19 Distrib 10.11.8-MariaDB, for debian-linux-gnu (x86_64)
```

```
--
```

```
-- Host: database-1.cz064ko8o31x.ap-south-1.rds.amazonaws.com Database: studentapp
```

```
-- -----
```

```
-- Server version 10.11.8-MariaDB-log
```

```

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;

```

```

/*!40101 SET NAMES utf8mb4 */;

/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;

/*!40103 SET TIME_ZONE='+00:00' */;

/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;

/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
*/;

/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;

/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `students`

--

DROP TABLE IF EXISTS `students`;

/*!40101 SET @saved_cs_client = @@character_set_client */;

/*!40101 SET character_set_client = utf8 */;

CREATE TABLE `students` (
  `student_id` int(11) NOT NULL AUTO_INCREMENT,
  `student_name` varchar(100) NOT NULL,
  `student_addr` varchar(100) NOT NULL,
  `student_age` varchar(3) NOT NULL,
  `student_qual` varchar(20) NOT NULL,
  `student_percent` varchar(10) NOT NULL,
  `student_year_passed` varchar(10) NOT NULL,
  PRIMARY KEY (`student_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;

/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;

```

```
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;  
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

-- Dump completed on 2024-08-22 18:31:00