

## **CREATE A SQL STORAGE SERVICE AND PERFORM A BASIC QUERY USING ANY PUBLIC CLOUD SERVICE PROVIDER (AZURE/GCP/AWS) TO DEMONSTRATE DATABASE AS A SERVICE (DaaS)**

**AIM:** To create a SQL storage service and execute a basic SQL query using a public cloud platform (Azure/GCP/AWS) to demonstrate the concept of Database as a Service (DaaS).

### **PROCEDURE:**

STEP 1: Open the Azure portal ([portal.azure.com](https://portal.azure.com)) and navigate to SQL Database.

STEP 2: Click on Create SQL Database.

STEP 3: Select your Resource Group, enter the Database Name, and create/select a SQL Server Name.

STEP 4: In the Networking tab, enable "Allow Azure services and resources to access this server".

STEP 5: Under Additional Settings, choose Sample Data (e.g., AdventureWorksLT) to auto-generate sample tables.

STEP 6: Review the configuration and click Create. The SQL database will be deployed.

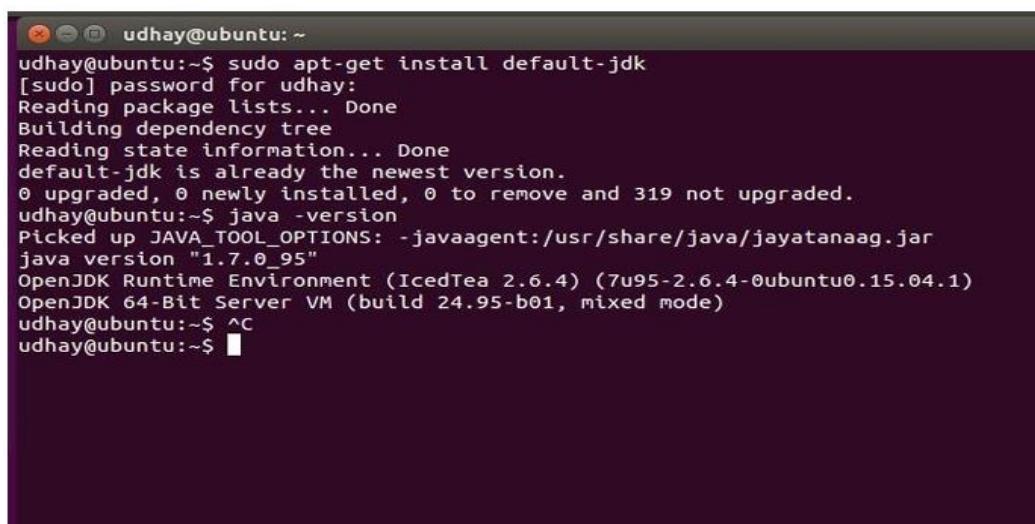
STEP 7: After deployment, go to Query Editor (Preview).

STEP 8: Sign in using your SQL authentication username and password.

STEP 9: Once the tables are visible, execute a SQL query such as: Copy code Sql

```
SELECT * FROM SalesLT.Customer;
```

## **IMPLEMENTATION**



```
udhay@ubuntu:~$ sudo apt-get install default-jdk
[sudo] password for udhay:
Reading package lists... Done
Building dependency tree
Reading state information... Done
default-jdk is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 319 not upgraded.
udhay@ubuntu:~$ java -version
Picked up JAVA_TOOL_OPTIONS: -javaagent:/usr/share/java/jayatanaag.jar
java version "1.7.0_95"
OpenJDK Runtime Environment (IcedTea 2.6.4) (7u95-2.6.4-0ubuntu0.15.04.1)
OpenJDK 64-Bit Server VM (build 24.95-b01, mixed mode)
udhay@ubuntu:~$ ^C
udhay@ubuntu:~$
```

**RESULTS :** The implementation is successful execution.