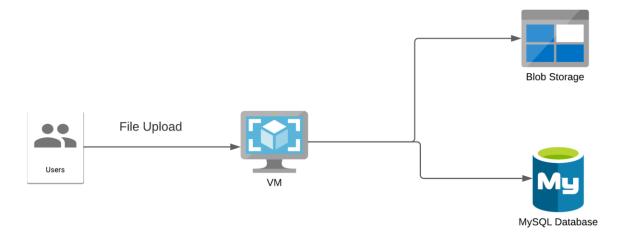
# Architecture diagram:



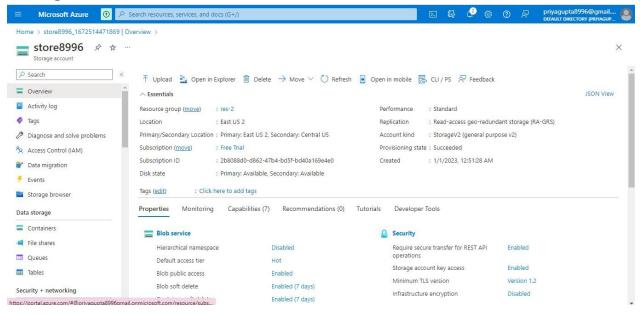
Archi	tecture Implementation
1	Upload the custom program and provided text file to a VM created using Ubuntu
2	Createa MySQL server using Azure Database service
3	Createa database inside the MySQL server created above
4	Running the custom program will convert the text file into a CSV file,upload it to blob storage and send he data to the MySQL server.

Step1:Creationof resources

Stepnumber a
Stepname CreationofResourcegroupandblobstorage

Expectedscreenshots Screen showing created storage account

# **Storage Account Created:**



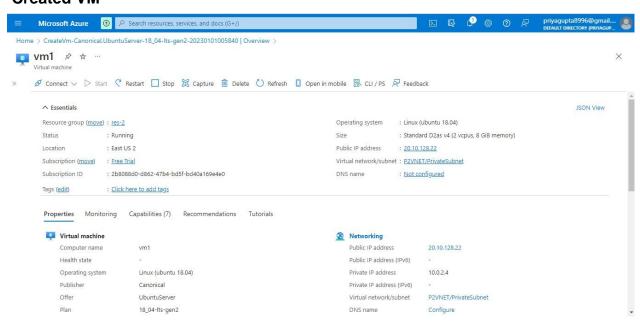
Stepnumber b

Stepname Creation of VM

Expected CreatedVM

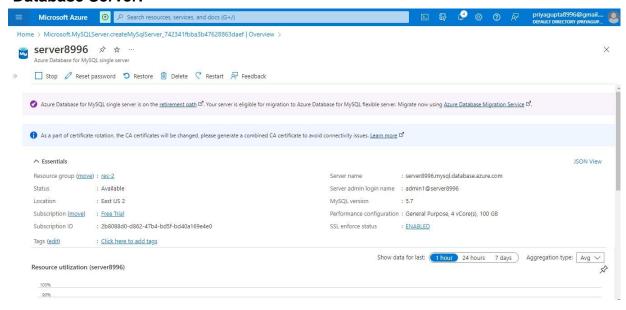
screenshots

#### **Created VM**



Stepnumber C
Stepname Creation of MySQL server
Expectedscreens 1)Overview screen of the created database server.
hots

#### **Database Server:**



## Step2:RunthecustomprogramintheVM

Stepnumber	a
Stepname	Environmentsetup
screenshots	Screenshot of the process.py file after completing Step3 above Copying the files using scp Screenshot after completing Step above.

# process.py file

# Copying the files using scp

# Post completion step:

```
Malkiding state information... Done
Reading state information... Done
Pythoni is alleady the news twession (3.6.7-1-18.04),
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
0 publishing dependency tree
Reading state information... Done
Building dependency tree
Reading state information... Done
Reading package with be installed:
10balo.
Read to get 6761 kB of archives.
After this sporesion, 30.3 MB of additional disk space will be used.
Co. D. State information... Done
Reading st
```

Stepnumber b

Stepname Configure the database

Expected 1)Screenshot after completing Step above

screenshots

### **Database Configuration:**

```
azureuser@vml:~$ mysql -h server8996.mysql.database.azure.com -u adminl@server8996 -p
Enter password:
Welcome to the MySQL monitor. Commands end with; or \g.
Your MySQL connection id is 63128
Server version: 5.6.47.0 MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database testdb;
Query OK, 1 row affected (0.04 sec)

mysql>
```