- Write a script that backs up an SQL dump and uploads it to an S3 Bucket. The contents of the S3 bucket should not be accessible via public.

Create role name saroj in postgres and create database named saroj in postgres

createdb saroj;

script to dumb in s3 bucket named (saroj-bucket-lamda)

```
Cat scriptpostgresdb.sh
#!/bin/bash

# Constants
USER="saroj"
DATABASE="saroj"
BACKUP_DIRECTORY="/home/saroj/Downloads/dumpspostgresfile"

# Date stamp
#CURRENT_DATE=pgdump_$(date +"%m%d_%H%M_%s")
CURRENT_DATE=public_access_$(date +"%m%d_%H%M_%s")
# Create the backup
pg_dump -U $USER $DATABASE >> $BACKUP_DIRECTORY/$DATABASE\
$CURRENT_DATE.sql

# Upload to cloud
aws s3 cp $BACKUP_DIRECTORY/$DATABASE\$CURRENT_DATE.sql s3://saroj-bucket-
lamda/$CURRENT_DATE.sql --profile lft-training
```

```
saroj@saroj-Inspiron-3576:~/Downloads$ ./scriptpostgresdb.sh
upload: dumpspostgresfile/saroj_pgdump_1214_0837_1639450378.sql to s3://saroj-bucket-lamda/_pgdump_1214_0837_1639450378.sql
saroj@saroj-Inspiron-3576:~/Downloads$
```

Amazon S3 > saroj-bucket-lamda

saroj-bucket-lamda Info

| Objects | Properties | Permissions | Metrics | Management | Access Points |

Objects (5)

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more

Name	Type	Last modified	Size	Storage class
_pgdump_1214_0837_1639450378.sql	sql	December 14, 2021, 08:38:02 (UTC+05:45)	551.0 B	Standard
2.py	py	December 12, 2021, 17:06:43 (UTC+05:45)	10.0 B	Standard
pgdump_1214_0842_1639450632.sql	sql	December 14, 2021, 08:42:16 (UTC+05:45)	551.0 B	Standard
public_access_1214_0845_1639450827.sql	sql	December 14, 2021, 08:45:30 (UTC+05:45)	1.1 KB	Standard
public_access_file4.py	py	December 12, 2021, 17:12:58 (UTC+05:45)	14.0 B	Standard