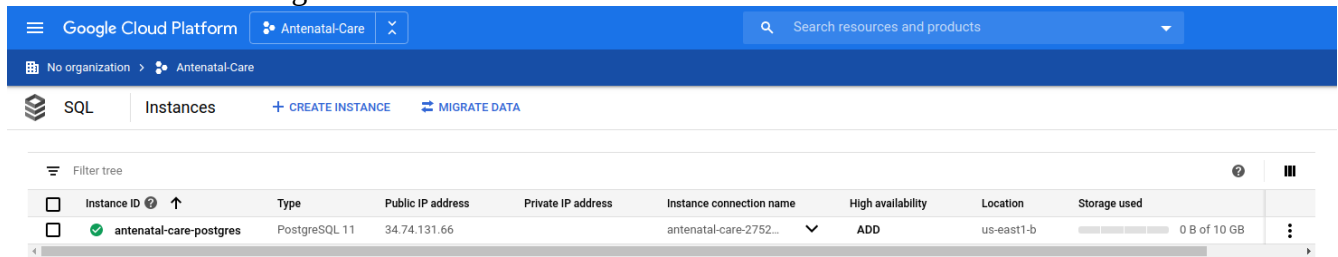


1. Create a new project for Antenatal-Care (if you haven't already)
- 2a. Create a new Postgres instance (Storage > SQL > Create Instance)

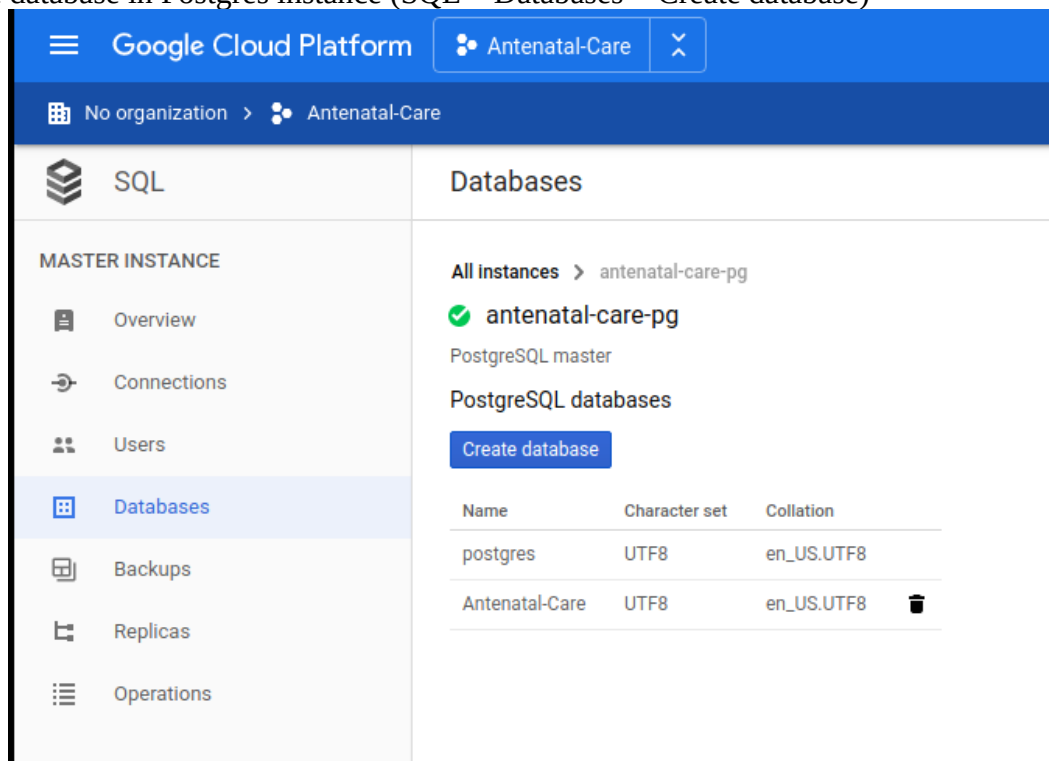
Should have something like this afterward



The screenshot shows the Google Cloud Platform interface for the 'Antenatal-Care' project. The 'SQL' section is active, displaying a table of instances. The table has columns for Instance ID, Type, Public IP address, Private IP address, Instance connection name, High availability, Location, and Storage used. One instance, 'antenatal-care-postgres', is listed with a PostgreSQL 11 type, public IP 34.74.131.66, and 0 B of 10 GB storage used.

Instance ID	Type	Public IP address	Private IP address	Instance connection name	High availability	Location	Storage used
antenatal-care-postgres	PostgreSQL 11	34.74.131.66		antenatal-care-2752...	ADD	us-east1-b	0 B of 10 GB

- 2b. Create database in Postgres instance (SQL > Databases > Create database)

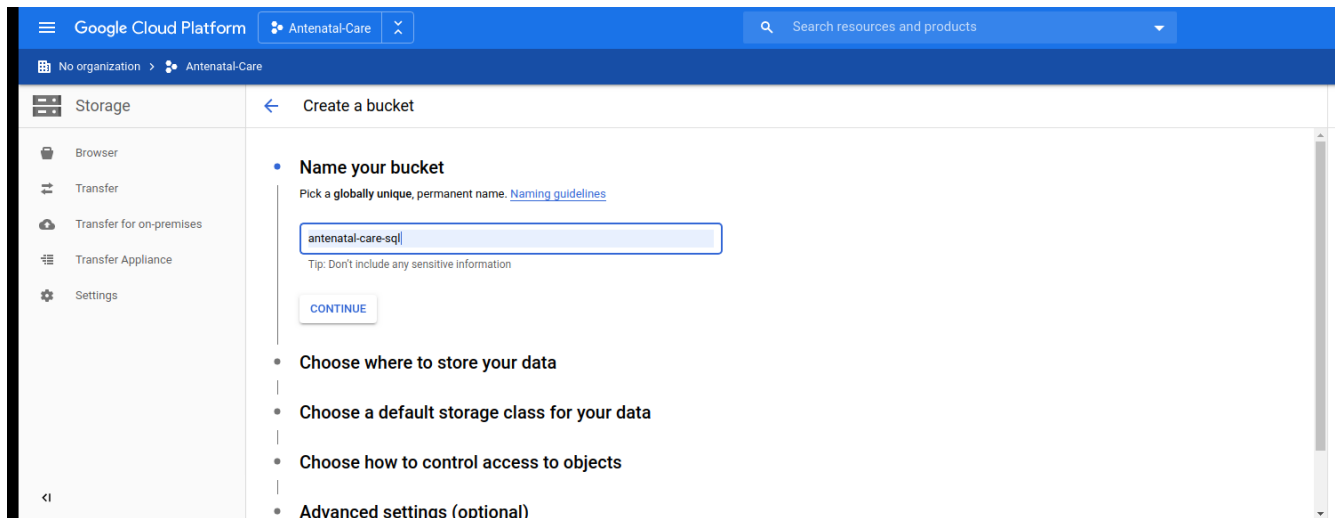


The screenshot shows the Google Cloud Platform interface for the 'Antenatal-Care' project, specifically the 'Databases' section. The left sidebar shows the 'Databases' menu item selected. The main content area shows the 'antenatal-care-pg' PostgreSQL master instance. Under 'PostgreSQL databases', there is a 'Create database' button and a table listing existing databases. The table has columns for Name, Character set, and Collation. Two databases are listed: 'postgres' and 'Antenatal-Care'.

Name	Character set	Collation
postgres	UTF8	en_US.UTF8
Antenatal-Care	UTF8	en_US.UTF8

I created **Antenatal-Care** ^^

3. Create new storage bucket (Storage > Browser > Create Bucket)



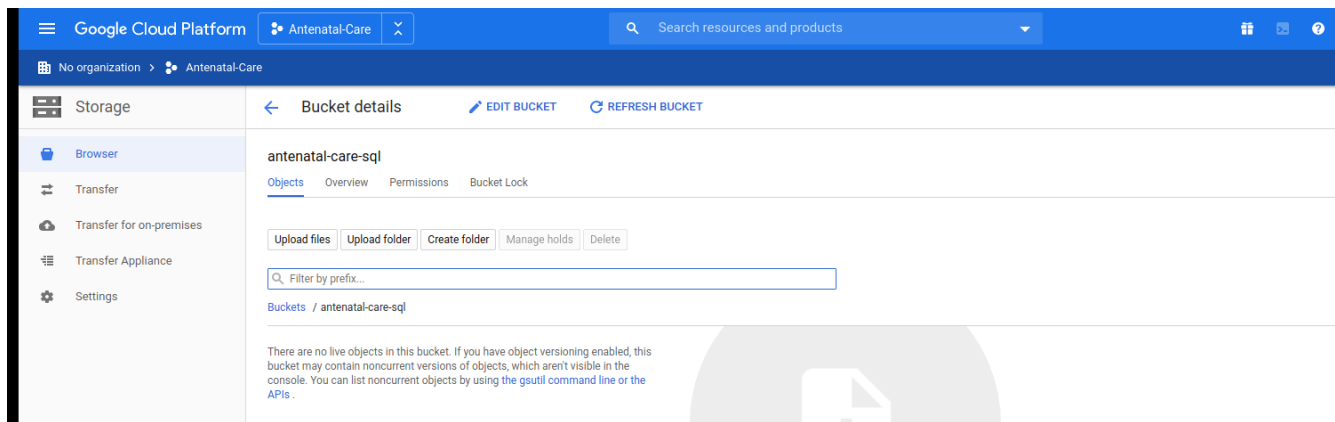
The screenshot shows the 'Create a bucket' wizard in the Google Cloud Platform console. The left sidebar has 'Storage' selected, with 'Browser' as the active view. The main area is titled 'Create a bucket' and contains a list of steps: 'Name your bucket', 'Choose where to store your data', 'Choose a default storage class for your data', 'Choose how to control access to objects', and 'Advanced settings (optional)'. The first step, 'Name your bucket', is active and shows a text input field with the value 'antenatal-care-sql'. Below the input field is a tip: 'Tip: Don't include any sensitive information'. A 'CONTINUE' button is visible below the tip.

Choose where to store your data > Location Type: Region, Location: us-east1

Choose a default storage class for your data > Standard

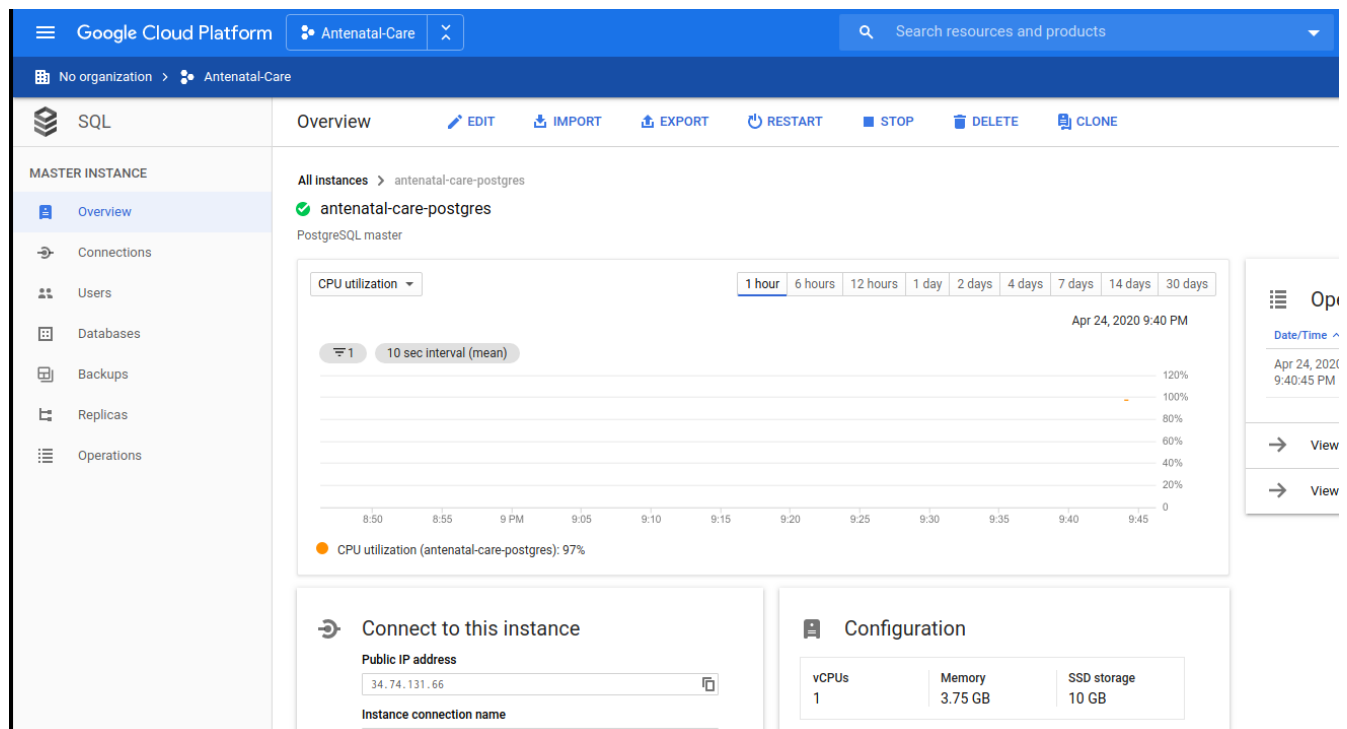
Choose how to control access to objects > Fine-grained
> Create

Now you should be here:



4. Upload **load-patients.sql**

5. Import sql script to Postgres instance (SQL > **antenatal-care-postgres** > Import)



Browse to the bucket you created in step 3 and choose **load-patients.sql**. Then set the other settings as so:

Google Cloud Platform

Antenatal-Care

No organization > Antenatal-Care

SQL

MASTER INSTANCE

Overview

Connections

Users

Databases

Backups

Replicas

Operations

← Import data from Cloud Storage

Source

Choose the file you'd like to import data from

Browse for a file, or enter the path for one (bucket/folder/file). Make sure you have read access first. [Learn more](#)

☒

antenatal-care-sql/load-patients.sql

Browse

Indicate the format of the file you're importing

☒ SQL

A plain text file with a sequence of SQL commands, like the output of pg_dump

☐ CSV

If your Cloud Storage file is a CSV file, select CSV. The CSV file should be a plain text file with one line per row and comma-separated fields.

Destination

Choose the database in instance antenatal-care-postgres that you'd like to import your file into.

Database

Antenatal-Care

User ?

postgres

⌵ Hide advanced options

Import

When you import, a Cloud SQL service account will be granted read access to your Cloud Storage file and the bucket that contains it. This will be reflected in your permissions.

Click import.

You should be brought back to the SQL overview page and you'll get a pop-up telling you if the import succeeded or failed.

Then you can open up the Cloud Shell from the top right of the Google Cloud Platform top bar and access the database with these commands:

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to antenatal-care-275222.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
smajoseph@cloudshell:~ (antenatal-care-275222)$ gcloud sql connect antenatal-care-postgres --quiet
Whitelisting your IP for incoming connection for 5 minutes...done.
Connecting to database with SQL user [postgres].Password for user postgres:
psql (9.6.17, server 11.6)
WARNING: psql major version 9.6, server major version 11.
        Some psql features might not work.
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
Type "help" for help.

postgres=> \c Antenatal-Care
Password for user postgres:
psql (9.6.17, server 11.6)
WARNING: psql major version 9.6, server major version 11.
        Some psql features might not work.
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
You are now connected to database "Antenatal-Care" as user "postgres".
Antenatal-Care=> select * from BasePatient limit(5);
 entityid | firstname | lastname | gender | tribe | address | nhisnumber
-----+-----+-----+-----+-----+-----+-----
      1 | Nkrumah | Attah | Male | Mole-Dangbon |  | 6190172
      2 | Msrah | Okonjo | Male | Guang | location: Mpraeso landmark: School | 13495763
      3 | Kwasi | Akpabio | Male | Ashanti | landmark: Church | 21077172
      4 | Akwokwo | Akerele |  | Gurma |  | 23433455
      5 | Kwasi | Oyenusi | Male |  |  | 21880278
(5 rows)

Antenatal-Care=> 
```