

CC-Semester-5

LAB-1

Date: 13/01/2026

Name: A Shri Karthik	SRN: PES2UG23CS003	Section: A
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SS1

Create a new project

Your project will have its own dedicated instance and full Postgres database.
An API will be set up so you can easily interact with your new database.

Organization: PES2UG23CS003 (FREE)

Project name: PES2UG23CS003

Database password: ●●●●●●●●●●●●●● Copy

This password is strong. [Generate a password](#).

Region: Asia-Pacific

Select the region closest to your users for the best performance.

SECURITY OPTIONS >

ADVANCED CONFIGURATION >

Cancel Create new project

PES2UG23CS003 NANO

Tables: 0 Functions: 0 Replicas: 0 Project Status: Green

Welcome to your new project

Your project has been deployed on its own instance, with its own API all set up and ready to use.

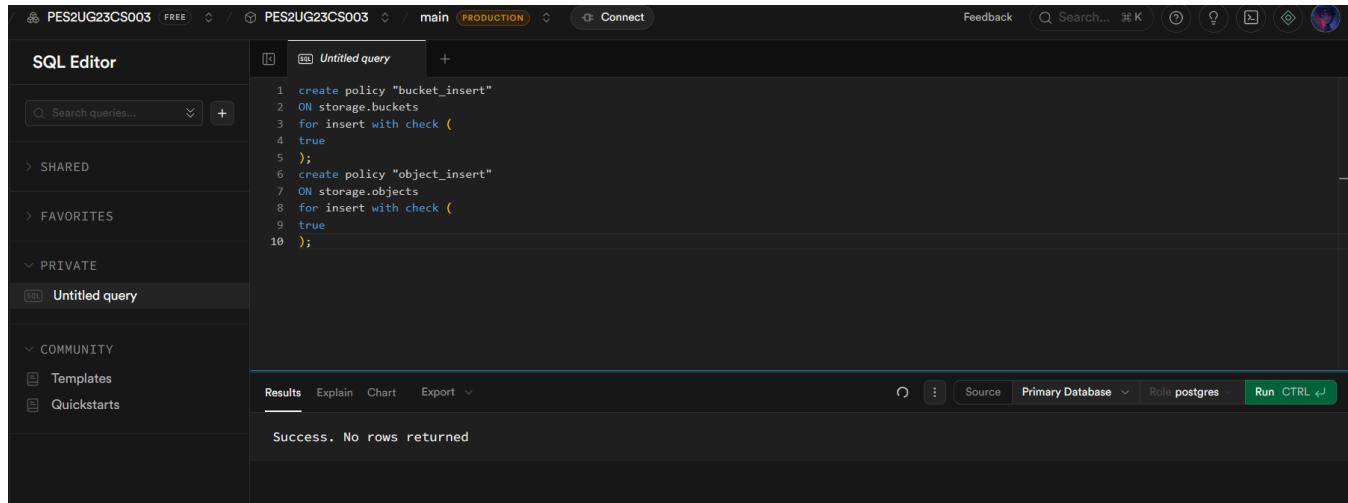
Build out your database

Start building your app by creating tables and inserting data. Our Table Editor makes Postgres as easy to use as a spreadsheet, but there's also our SQL Editor if you need something more.

[Table Editor](#) [SQL Editor](#) [About Database](#)

	ID	Task	Status
1	1	Create a project	Complete
2	2	Read documentation	Complete
3	3	Build application	In progress
4	4	Connect Supabase	In progress
5	5	Deploy project	Not started
6	6	Get users	Not started
7		Run code in DB	Not started
8			

SS2



The screenshot shows the Supabase SQL Editor interface. On the left, there's a sidebar with sections like SHARED, FAVORITES, PRIVATE, and COMMUNITY. In the main area, an 'Untitled query' tab is open with the following SQL code:

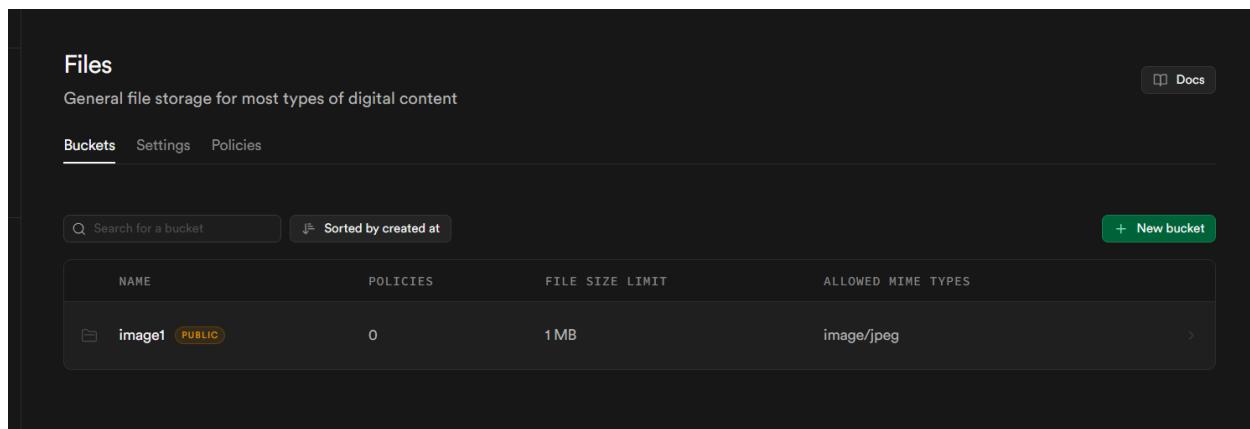
```
1 create policy "bucket_insert"
2 ON storage.buckets
3 for insert with check (
4 true
5 );
6 create policy "object_insert"
7 ON storage.objects
8 for insert with check (
9 true
10 );
```

Below the code, the results pane shows the message: "Success. No rows returned".

SS3



PS C:\Users\Shri Karthik\Desktop\SEM-6-STUFF\CC\CC LAB 1> python .\supabase_object_store.py
Bucket 'image1' created successfully.

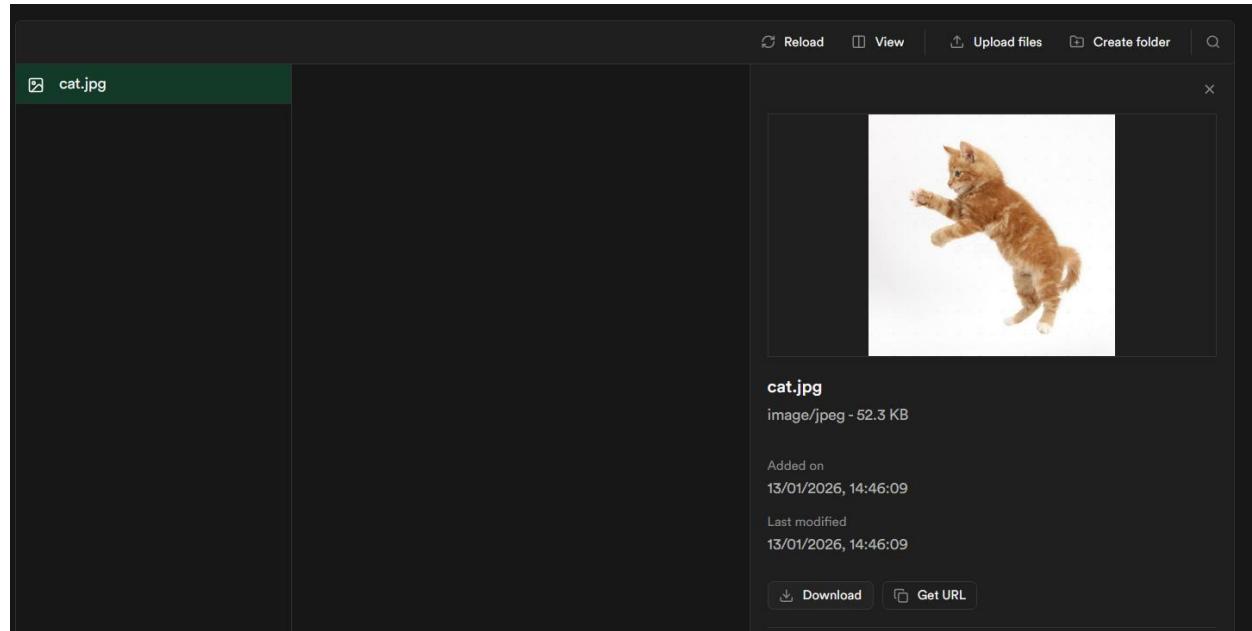


The screenshot shows the Supabase Storage Buckets page. At the top, it says "Files - General file storage for most types of digital content". Below that, there are tabs for "Buckets", "Settings", and "Policies". A search bar and a sorting option ("Sorted by created at") are also present. A green button labeled "+ New bucket" is visible. The main table lists one bucket:

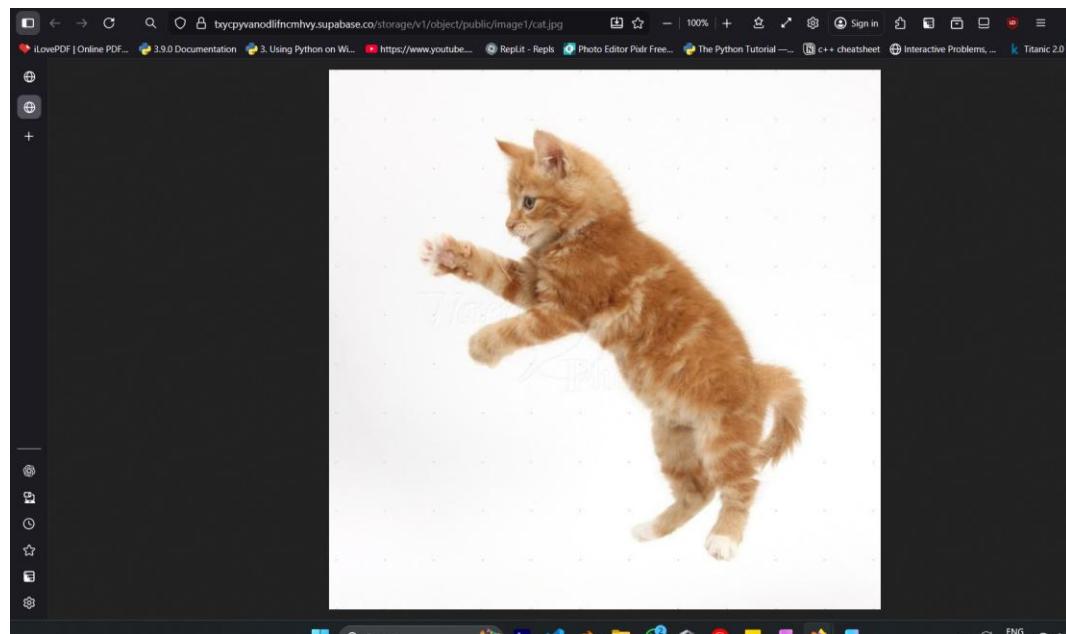
NAME	POLICIES	FILE SIZE LIMIT	ALLOWED MIME TYPES
image1 (PUBLIC)	0	1 MB	image/jpeg

SS4

```
PS C:\Users\Shri Karthik\Desktop\SEM-6-STUFF\CC\CC LAB 1> python .\supabase_object_store.py
Image uploaded successfully: uploadResponse(path='cat.jpg', full_path='image1/cat.jpg', fullPath='image1/cat.jpg')
```



```
● PS C:\Users\Shri Karthik\Desktop\SEM-6-STUFF\CC\CC LAB 1> python .\supabase_object_store.py
  Public URL of the image: https://txycpyvanodlifnchv.supabase.co/storage/v1/object/public/image1/cat.jpg
◆ PS C:\Users\Shri Karthik\Desktop\SEM-6-STUFF\CC\CC LAB 1>
```



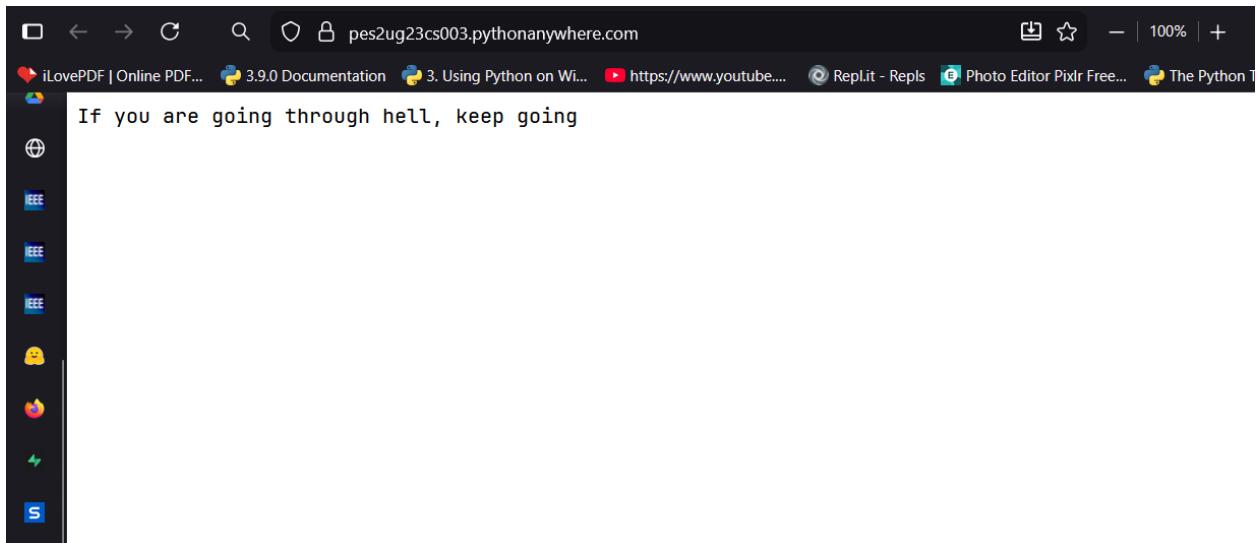
SS5

The screenshot shows the PythonAnywhere dashboard for user PES2UG23CS003. At the top, there's a navigation bar with links like "www.pythonlywhere.com", "3.9.0 Documentation", "3. Using Python on Wi...", "https://www.youtube...", "Repl.it - Repls", "Photo Editor Pixlr Free...", "The Python Tutorial —...", "c++ cheatsheet", "Interactive Problems, ...", "Titanic 2.0 | Kaggle", "Send feedback", "Forums", "Help", "Blog", "Account", and "Log out". Below the navigation is the PythonAnywhere logo and a message confirming the email address. The main area is titled "Dashboard" and shows "CPU Usage: 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes" and "File storage: 0% full – 60.0 KB of your 512.0 MB quota". There are sections for "Recent Consoles", "Recent Files", "Recent Notebooks", and "All Web apps". The "Recent Notebooks" section includes a note about account support for Jupyter Notebooks.

SS6

The screenshot shows the PythonAnywhere file manager interface. It displays a directory structure at "/home/PES2UG23CS003/cclab1". The left side has a "Directories" section with a text input for "Enter new directory name" and a "New directory" button. The right side has a "Files" section with a text input for "Enter new file name, eg hello.py" and a "New file" button. A file named "flask_app.py" is listed with details: "2026-01-13 09:34" and "1.4 KB". There's also a "Upload a file" button and a note about a 100MB maximum size.

SS7

A screenshot of a GitHub repository page for "CCLAB1-PORTFOLIO-PES2UG23CS003". The page has a dark theme. At the top, there are navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the header, there's a search bar and a "Type / to search" placeholder. The repository name is displayed in a large header. There are buttons for Pin, Watch (0), Fork (0), and Star (0). A "Create a codespace" button is visible. A "Start coding with Codespaces" section encourages adding a README file. A "Add collaborators to this repository" section allows searching for users and inviting them. A "Quick setup — if you've done this kind of thing before" section provides instructions for setting up the repository, including links for "Set up in Desktop", "HTTPS", "SSH", and the repository URL. It also suggests creating a new file or uploading an existing one. A "...or create a new repository on the command line" section shows a terminal session with the following commands:

```
echo "# CCLAB1-PORTFOLIO-PES2UG23CS003" >> README.md
git init
git add README.md
git commit -m "First commit"
git branch -M main
```

SS8

The screenshot shows a GitHub repository page. At the top, there's a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The repository name is 'CCLAB1-PORTFOLIO-PES2UG23CS003' (Public). Below the navigation, there are buttons for Pin, Watch (0), Fork (0), and Star (0). The repository has 1 branch and 0 tags. The master branch was last updated 899ce75 · now. There are 3 commits. The file list includes README.md, index.html, and styles.css, all committed 4 minutes ago. The README file contains the text 'portfolio-template' and a link to 'shrikarthik.vercel.app'. On the right side, there are sections for About (no description, website, or topics provided), Readme, Activity, Stars (0), Watching (0), Forks (0), Releases (no releases published, Create a new release), and Packages (no packages published, Publish your first package).

SS9

The screenshot shows a Vercel deployment confirmation page. It starts with a 'Congratulations!' message and a note that a new project was deployed. The project is titled 'Shri Karthik Portfolio'. The main content area shows a 'Selected Projects' section with a 'Featured Project' placeholder. Below it, there are four project cards: 'Cal Pal', 'REST API Practice', 'ML Dataset Analysis', and 'Portfolio Website'. Underneath these, there's a 'Next Steps' section with an 'Instant Previews' button (which says 'Push a new branch to preview changes instantly') and an 'Add Domain' button.

▲ / Shri Karthik's projects Hobby cclab-1-portfolio-pes-2-ug-23-cs-003 ◁

Find... F Feedback 🔒

Overview Deployments Analytics Speed Insights Logs Observability Redirects Firewall AI Gateway Storage Flags Settings

cclab-1-portfolio-pes-2-ug-23-cs-003

Repository Usage Domains Visit ▾

Production Deployment

Build Logs Runtime Logs Instant Rollback

Work | About | Contact

SK Shri Karthik Portfolio

Selected Projects

Code Quality Analysis Tool

Problem Statement

Analyzing large codebase metrics is an investment, and every year, this project aims to make it easier for developers and machine learning to extract meaningful insights from real-world experience.

Read more about the approach

Cal Pal REST API Practice ML Dataset Analysis Portfolio Website

Deployment

cclab-1-portfolio-pes-2-ug-23-cs-003-2a4lavipj.vercel.app

Domains +

cclab-1-portfolio-pes-2-ug-23-cs-00.vercel.app ↗

Status Created

Ready 1m ago by Kart8lk

Source

master -> 899ce75 PES2UG23CS003

Deployment Settings 4 Recommendations