Storage Management

Overview

Supabase Storage provides a simple and scalable way to manage files such as images, videos, and documents. Built on top of S3-compatible object storage, it allows developers to handle uploads, downloads, and permissions through RESTful APIs or the Supabase client.

Uploading Files

You can upload files directly through the dashboard, client libraries, or cURL. Each file is stored in a bucket with customizable access policies.

Example

```
from supabase import create_client url = 'https://xyzcompany.supabase.co' key = 'public-anon-key'
supabase = create_client(url, key) with open('image.png', 'rb') as f: res =
supabase.storage.from_('avatars').upload('user1.png', f) print(res)
```

Managing Buckets

Buckets act as containers for files. You can configure them as public or private. Private buckets require an authenticated user to access files.

Security Notes

When dealing with sensitive data, always use RLS (Row-Level Security) and signed URLs to control access. Ensure that public buckets contain only non-sensitive assets.