

# Error Handling and Security

## Introduction

Error handling and security are critical to maintaining reliable and safe applications. Supabase provides built-in error reporting and several layers of access control.

## Common Errors

Typical issues include invalid API keys, network timeouts, or database constraint violations. Always handle exceptions gracefully and log errors for debugging.

## Example

```
try: res = supabase.table('users').select('*').execute() except Exception as e: print('Error:', e)
```

## Security Best Practices

1. Use RLS to enforce access rules. 2. Rotate API keys regularly. 3. Use HTTPS at all times. 4. Implement user authentication using Supabase Auth.

## Auditing and Logs

Supabase maintains activity logs that can be viewed from the dashboard. Regularly audit logs to detect suspicious activity and ensure compliance.