

# Edge Functions and API Integration

## Overview

Edge Functions allow you to run custom backend logic close to your users, reducing latency. These functions are written in JavaScript or TypeScript and deployed to Supabase's global edge network.

## Creating a Function

To create a function, use the Supabase CLI. Once deployed, functions can be called via HTTP endpoints or triggered by database events.

## Example

```
supabase functions new sendEmail supabase functions deploy sendEmail # Call function curl -X POST  
'https://project.supabase.co/functions/v1/sendEmail' -H 'Authorization: Bearer' -d  
'{"email":"test@example.com"}'
```

## API Integration

Edge functions can integrate with external APIs for tasks like payment processing, email notifications, or analytics tracking.

## Monitoring

Use the Supabase dashboard or CLI logs to view function invocations, execution time, and any errors encountered.