

# PROJECT

You've been tasked with creating a flexible infrastructure for an eco-friendly car-sharing service. The service should automatically adapt to varying usage demands while keeping cost in check.

Guidelines/Goals:

**1. Create EC2 instances and load balancer:**

- Launch EC2 instances using a predefined AMI.
- Create an Elastic Load Balancer (ELB) to distribute traffic.

**2. Set up Auto Scaling:**

- Create an Auto Scaling Group for the EC2 instances
- Configure scaling policies to add or remove instances based on CPU utilization.

**3. Optimize Costs:**

- Implement scaling policies that consider cost optimization
- Use Auto scaling to minimize instances during periods of low demand