**Week 1 – Assignment**

**GitHub**

**Task 1: Setup the github Account**

**Task 2: Create the repository as “SRE Training”**

**Task3 : Upload the materials into SRE Training Repository**

**--CLOUD—**

**Task 1: Create the network diagram**

**📌 Real-Time - Deploying a Java-based E-commerce App on GCP**

You are building a **Java-based e-commerce application** that allows users to browse products, place orders, and process payments. The application consists of:  
1️.**Frontend & Backend (Java Spring Boot) → Compute Engine**  
2️.**Database (PostgreSQL) → Cloud SQL**

Your key requirements:  
✅ Users should access the application using a **domain name (DNS)**.  
✅ The **backend should be secure** and accessible only via a **Load Balancer**.  
✅ The **database should not be exposed to the internet**, only accessible from the backend.  
✅ Secure **internet access** for backend VMs to connect to external services (e.g., payment gateways).

**Create Compute VM**

**Setup google Cloud Account**

<https://github.com/genzgurukul/dynatrace_practice/blob/main/01.Setup_Google_CloudAccount.md>