Networking & Subnetting – AWS VPC Setup

Project Description

This project designs and deploys a basic AWS network infrastructure using a custom VPC.
The goal is to separate internet-facing resources from internal workloads by using **public and private subnets**, while providing secure outbound access from private subnets through a **NAT Gateway**.
The setup also includes an **Internet Gateway (IGW)** for public connectivity, and separate **route tables** to ensure proper routing and isolation between subnet tiers.

Network Design Overview

- **1 VPC**

- **2 Public Subnets** (internet-facing, IGW access)

- **2 Private Subnets** (internal workloads, NAT access)

- **Internet Gateway (IGW)** for outbound/public access

- **NAT Gateway** located in a public subnet to allow private subnets to reach the internet securely