**Challenge: Infrastructure Provisioning with Terraform**

Problem: You are tasked with provisioning cloud resources using Terraform to set up a basic web application infrastructure. Your infrastructure should consist of the following components:

An AWS EC2 instance running a basic web server.

An AWS RDS MySQL database for storing application data.

Write Terraform configuration files to provision this infrastructure.

**Requirements:**

Create an EC2 instance with the following specifications:

Instance Type: t2.micro

AMI: Ubuntu Server 20.04 LTS

Security Group: Allow incoming HTTP (port 80) and SSH (port 22) traffic.

Create an RDS MySQL instance with the following specifications:

Instance Class: db.t2.micro

Engine: MySQL

Allow incoming traffic on port 3306 from the EC2 instance's security group.

**Instructions:**

Create a directory named terraform\_challenge.

Inside the directory, create the following Terraform files:

main.tf: Define your resources here.

variables.tf: Define variables for customization.

outputs.tf: Define outputs for displaying useful information.