Task: Deploy Flask/FastAPI Application on Azure Web Apps with CI/CD

Objective:

Deploy a basic Flask or FastAPI application on Azure Web Apps.

Instructions:

Create a simple Flask or FastAPI application with a single endpoint that returns "Hello, Azure Web Apps!" when accessed.

Set up a new Azure Web App to host the application.

Configure the necessary settings for the Azure Web App, including any required environment variables.

Deploy the application to the Azure Web App.Set up a ci/cd using GitHub actions.

Submission Guidelines:

Share the GitHub repository containing your Flask/FastAPI application code.

Include any configuration files or scripts used in the deployment process.

Confirm that the deployed application is accessible and returns the expected response.

Evaluation Criteria:

Applicants will be evaluated based on the following criteria:

1. Proper configuration of Azure Web App settings.

2. Clarity and completeness of deployment instructions.

3. Successful deployment of the application on Azure Web Apps.

4. Accessibility and correct functioning of the deployed application.

Note:

Please use Azure Web Apps for this task.

Ensure that sensitive information such as secret keys or passwords are not hardcoded in the code.

Provide any additional information that may be relevant to the deployment process.